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ABSTRACT

This reports presents information on the early career outcomes of college graduates at all degree levels, plus minority and teacher certificated graduates based on data from 28 public and independent two-and four-year colleges and universities in Michigan. The report is divided into three parts. The first section presents the data for all graduates. Compiled statistics for minorities are located in the second section. The last section covers teacher certificate graduates. A summary of the compiled statistics precedes the tables. The tables provide information on job placement results by curriculum areas, the number of degrees conferred by type of degree, and placement results by curriculum area for minorities and teachers. Contains 12 statistical tables. (GLR)

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EMPLOYMENT SURVEY OF MICHIGAN COLLEGE GRADUATES: Report of Destinations, Average Starting Salaries, and Unemployment

1988-89

**(All Degree Levels, Minority and
Teacher Certified Graduates)**

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October, 1990

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Hillsdale College

Kirtland Community College

Lake Superior State College

Lake Michigan College

Lansing Community College

Michigan State University

Michigan Technological University

Monroe County Community College

Montcalm Community College

Muskegon Community College

Northwest Michigan College

Saginaw Valley State University

Siena Heights College

Spring Arbor College

University of Detroit

University of Michigan - Ann Arbor

University of Michigan - Dearborn

Wayne State University

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The 1988-89 Follow-up Report presents, for the first time, information on the early career outcomes of college graduates at all degree levels, plus minority and teacher certificated graduates. In 1987-88, requests were made for information on minorities and teachers. Enough data were finally returned to the Institute that a separate report was prepared and released. The timely return of the 1988-89 data sheets permitted all information to be reported in one volume. This information should provide the reader with a comprehensive reference on early career outcomes for 1988-89 graduates.

The information in this report has been compiled from data received from 28 public and independent two-and four-year colleges and universities in Michigan. Several institutions that have participated in previous years were unable to provide data for this year's report. Comparisons of summary data can still be made; but caution should be taken in comparing individual academic programs unless the number of observations is large.

This report has been divided into three parts. The first section presents the data for all graduates. Compiled statistics for minorities are located in the second section. The last section covers teacher certificate graduates. A summary of the compiled statistics precedes the table.

ALL GRADUATES

Institutions reporting data this year accounted for approximately 32%, 21%, 55%, 41%, and 42% of certificate, Associate, Bachelor's, Master's and Doctoral degrees, respectively, awarded in the 1983-89 academic year. As the summary table indicates, the number of graduates responding to their institution's follow-up surveys represented from 11% to 35% of the total degrees conferred. The response rate among reporting institutions was approximately 60% with the exceptions of certificate and Doctoral programs.

| Degree | Total Degrees Conferred | Number of Grads Reported | Number of Grads Responding | Reported Grads as a % of Conferred | Responding Grads as a % of Conferred | Responding Grads as a % of Reported |
|---------------------------|--|---|---|---|---|--|
| Certificate | 4252 | 1355 | 503 | 32 | 11 | 37 |
| Associate's | 20226 | 4355 | 2402 | 21 | 12 | 56 |
| Bachelor's | 40858 | 22795 | 14594 | 55 | 35 | 64 |
| Master's | 12726 | 5294 | 2968 | 41 | 23 | 56 |
| Doctoral/ Professional | 3591 | 1542 | 604 | 42 | 16 | 39 |

Tables 1, 3, 5, 7 and 9 compare data on degrees conferred, provided by the State of Michigan, with graduates reported by participating institutions. For each respective degree level, the major classification of instructional program (CIP) or curriculum groups are listed by CIP number. The reported figures were slightly lower than those found in last year's report.

After completing their degrees, graduates can be either employed full-time, pursuing further education, or still seeking employment. These three categories captured the majority of graduates as reported in Tables 2, 4, 6, 8 and 10. If these three categories (employed full-time, unemployed, and school) in any row do not total 100%, the remaining graduates have been placed in an "other" category. The "other" group consists of foreign students who return to their home countries, individuals who are unemployed but not seeking work, and a few individuals who are working part-time.

A summary of these major tables revealed that approximately 60% or more of all graduates were working full-time. The percentage was over 80% for advanced degree recipients. Approximately 11% of the Bachelor's graduates were still unemployed some six months after graduation. The unemployment rate for Master's and Doctoral graduates was one-half this rate. Depending on the degree level, pursuit of additional education varied from a high of 31% for Associate's degree recipients, to a low of 3% for Ph.D. graduates.

| Degree | Percent Working Full-Time | Percent Continuing Education | Percent Unemployed | Percent Other |
|-----------------------|--|---|-------------------------------|--------------------------|
| Certificate | 66 | 14 | 11 | 14 |
| Associate's | 59 | 31 | 4 | 6 |
| Bachelor's | 72 | 15 | 11 | 5 |
| Master's | 80 | 9 | 5 | 5 |
| Doctoral/Professional | 91 | 3 | 4 | 1 |

The number of graduates in full-time employment could vary widely within a major CIP category. Programs with high employment rates (generally greater than 75%) are singled out. To insure that these programs are representative, only undergraduate and Master's programs which graduate 50 or more students and Doctoral programs which graduated ten or more students are included in the list. Many advanced degree graduates were working while they earned their degrees and simply continued their employment after receiving their degree.

High Employment Majors

(% full-time employed greater than 75%)

Associate's:

Executive Secretarial, Legal Secretarial, Dental Hygiene, Radiograph Medical Technology, Nursing.

Bachelor's:

Agricultural Economics, Packaging, Business and Management (General), Accounting, Banking and Financing, Material Management and Purchasing, Business Economics, Institutional Management, Marketing Management, Trade and Industrial Management, Fashion Merchandising, Business Marketing, Recreation Service (Marketing), Journalism, Telecommunications, Computer Sciences, Information Sciences, Engineering (General), Aerospace Engineering, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Industrial Engineering, Mechanical Engineering, Metallurgical Engineering, Occupational Therapy, Physical Therapy, Nursing, Textiles and Clothing (Retail), Speech (Debate and Forensics), Law Enforcement, Economics, and Dramatic Arts.

Masters:

Banking and Finance, Business Administration and Management, Labor and Industrial Relations, Educational Administration, Curriculum and Instruction, Special Education, Specific Learning Disabilities, Student Counseling, Elementary Education, Reading Education, Civil Engineering, Mechanical Engineering, Nursing, and Social Work.

Doctoral:

Soil Sciences, Curriculum and Instruction, Education Administration, Mechanical Engineering, Human Medicine, Optometry, Osteopathic Medicine, Veterinary Medicine, Law, English, Chemistry, and Psychology.

When graduates were still seeking employment at the time of the survey, they were classified as unemployed. Depending on the survey strategies of the individual institutions, this column best reflected those graduates who had not received a job offer by six months after graduation. The small number of responses for many academic majors resulted in programs with unemployment rates above 10%. Focusing on programs with a large number of graduates,

unemployment appeared to be more of a problem for Bachelor's recipients than other degree levels. These Bachelor's programs reported higher unemployment rates (10% or higher) than other programs:

Bachelor's:

Packaging, Banking and Finance, Business Administration, Material Management and Purchasing, Operations Research, Business Marketing, Communications, Advertising, Journalism, Telecommunications, Elementary Education, Physical Education, Aerospace Engineering, Textiles and Clothing (Retail), Humanities and Social Science, Law Enforcement, Social Science, and Fine Arts (General).

Graduates who were employed full-time were further classified as "Employed in Michigan" or "Employed Outside the State." For graduates whose destinations were not known, their locations were listed as "Unknown." Seventy-five percent (75%) or more of the Bachelor's, Master's, and Doctoral graduates were employed in Michigan. The destinations of many certificate and Associate's recipients were not known.

| <u>Degree</u> | <u>Percent Employed in Michigan</u> | <u>Percent Employed Outside Michigan</u> | <u>Not Known</u> |
|---------------------------|---|--|----------------------|
| Certificate | 40% | 2% | 57% |
| Associate's | 46 | 4 | 49 |
| Bachelor's | 75 | 21 | 2 |
| Master's | 87 | 11 | 1 |
| Doctoral/ Professional | 81 | 18 | 0 |

Yearly average starting salaries for all majors are reported in Tables 2, 4, 6, 8 and 10 for the respective degrees. A summary of the major CIP codes is presented in the table below. Engineering and related technologies, Computer Science, Health Sciences, Business, Industrial Arts, Agricultural Sciences, and selected Social Science programs generally received the highest starting salaries across degree levels. Because of the small number of salaries reported in some curriculum areas and different levels of work experience prior to graduating, some care needs to be exercised when generalizing from these figures, especially at the Master's and Doctoral levels. Caution should also be taking in interpreting certificate and some Associate salaries, as many of these recipients have a great deal of work experience. It should also be noted that salary figures have not been adjusted for less than full-time employment, start-up time for private consulting practices or businesses, or internships or short-term training programs required by some companies before being placed on full-time status.

Several academic programs at the Bachelor's level require graduates to complete a fifth year of schooling or a residency before being certified to practice in their field. Audiology and Speech and Dietician and Nutrition programs would be good examples. The starting salaries reported for these type of programs may not reflect the salaries these graduates would command upon completion of their accreditation program. Salaries reported in this document account for individuals who entered the work immediately after graduation.

AVERAGE STARTING SALARIES

| | | \$ | \$ | \$ | \$ | \$ |
|-----------|---------------------------------|-------------|------------|-----------|---------|----------|
| CIP Group | Curriculum Area | Certificate | Associates | Bachelors | Masters | Doctoral |
| 1,2,3 | Agri Bus/Agri Sci/Nat Res | --- | 16,000 | 24,943 | 29,604 | 34,733 |
| 4 | Architecture | --- | --- | 20,144 | 31,164 | --- |
| 5 | Area and Ethnic Studies | --- | --- | 24,996 | 29,004 | --- |
| 6,7,8 | Business/Office Marketing | 14,130 | 16,313 | 20,589 | 38,689 | 49,335 |
| 9,10 | Communications/Comm Tech | --- | 16,620 | 20,067 | 32,205 | 33,504 |
| 11 | Computer Science | --- | 15,917 | 25,950 | 32,701 | --- |
| 13 | Education | 38,664 | --- | 19,456 | 31,257 | 41,191 |
| 14,15 | Engineering/Related Tech | 22,081 | 18,778 | 30,033 | 45,313 | --- |
| 16 | Foreign Language | --- | --- | 18,047 | 29,001 | --- |
| 17,18 | Health Science | 15,919 | 22,184 | 26,920 | 32,229 | 27,463 |
| 19,20 | Home Economics/Vocational | 10,308 | 13,974 | 18,782 | 29,944 | 33,396 |
| 21 | Industrial Arts | --- | --- | 25,464 | --- | --- |
| 22 | Law | --- | 16,500 | 20,190 | 43,104 | 34,596 |
| 23 | Letters | --- | --- | 17,701 | 26,069 | 29,126 |
| 24 | Liberal Studies | --- | 19,094 | 25,989 | 45,600 | --- |
| 25 | Library & Archival Sciences | --- | --- | --- | 22,164 | --- |
| 26 | Life Sciences | --- | --- | 20,165 | 25,818 | 32,250 |
| 27 | Mathematics | --- | --- | 21,915 | 30,165 | 31,500 |
| 30 | Interdisciplinary Studies | --- | --- | 20,552 | 25,202 | --- |
| 31 | Parks & Recreation | --- | --- | 20,388 | 25,332 | 39,996 |
| 34 | Health Related Activities | --- | --- | 17,004 | --- | --- |
| 36 | Leisure & Recreational | --- | --- | --- | --- | --- |
| 38,39 | Philosophy/Religion & Theology | --- | --- | 19,365 | 31,251 | --- |
| 40 | Physical Sciences | --- | --- | 21,850 | 33,537 | 36,257 |
| 41 | Science Technology | --- | 20,028 | --- | --- | --- |
| 42 | Psychology | --- | --- | 18,185 | 28,562 | 34,041 |
| 43,44 | Protective Svs & Public Affairs | 22,360 | 18,846 | 20,181 | 26,191 | --- |
| 45 | Social Sciences | --- | --- | 21,203 | 30,614 | 30,213 |
| 47,48 | Trade & Industrial Tech | 21,685 | 19,445 | --- | --- | --- |
| 49 | Transportation | --- | 21,427 | 32,496 | --- | --- |
| 50 | Visual & Performing Arts | --- | --- | 17,219 | 26,755 | 25,601 |
| | AVERAGES | | 18,749 | 22,923 | 32,973 | 33,704 |

MINORITY GRADUATES

The institutions that provided statistics on minority graduates reported that 1057 minorities graduated in 1988-89 from their institutions. This represented 33% of the total minority degrees conferred in 1988-89, according to the Post-Secondary Information Unit of Michigan's Department of Education (Degree Completion Michigan Colleges and Universities 1980-89). Of this group, 609 responded to follow-up queries from their institutions. This represented 20% of the total minority degrees conferred and 58% of the reported minority graduates.

The following table presents a summary of the minority statistics grouped by major CIP group. Approximately 66% of the graduates were working full-time, 12% were still unemployed some six months after graduation, and 10% had continued their education. More than 80% of the graduates remained in Michigan to work.

There are some differences which appear among the CIP groups. Some groups, such as Health Science, Engineering, and Agriculture, enjoyed particularly high employment rates. Graduates from Pre-Law, Liberal Studies, Mathematics, Psychology, and Life Sciences were more likely to continue their education.

The average starting salary was \$23,306 for Bachelor's degree graduates. Technical, health and science fields generally received the highest salaries. Education graduates also received good starting salary offers.

Comparisons can be made with findings from all graduates. Some care should be taken, however, as this group of minority graduates may not accurately represent minority graduates in 1988-89 because of the small sample represented here. This is particularly true for academic programs where only a small number of graduates were reported.

EARLY CAREER OUTCOMES OF MINORITY BACHELOR'S GRADUATES

| CIP Group | Curriculum Area | Percent Employed Full-time % | Percent Working In Michigan % | Percent In School % | Percent Unemployed % | Percent Other % | Average Starting Salary \$ |
|--------------|-------------------|---------------------------------------|---|------------------------------|----------------------------|-----------------------|-------------------------------------|
| 1 | Agriculture | 80 | 87 | 3 | 16 | --- | 22,796 |
| 4 | Architecture | 50 | 100 | 25 | 25 | --- | 20,004 |
| 6,7,8 | Business | 71 | 71 | 7 | 12 | 6 | 22,644 |
| 9,10 | Communications | 65 | 82 | 14 | 20 | --- | 20,040 |
| 11 | Computer Sci | 70 | 85 | 10 | 10 | 10 | 22,693 |
| 13 | Education | 69 | 38 | 13 | 10 | 8 | 23,103 |
| 14,15 | Engineering | 79 | 81 | 12 | 3 | 1 | 30,132 |
| 16 | Foreign Lang | 70 | 57 | 10 | 0 | 20 | 23,036 |
| 17,18 | Health Sci | 81 | 94 | 9 | 4 | 4 | 26,473 |
| 19,20 | Home Ec | 66 | 81 | 12 | 20 | 0 | 17,875 |
| 21 | Industrial Arts | 100 | 100 | --- | --- | --- | 25,500 |
| 22 | Pre-Law | 75 | 66 | 25 | 0 | 0 | 17,778 |
| 23 | Letters | 72 | 90 | 10 | 10 | 6 | 23,450 |
| 24 | Liberal Arts | 25 | 0 | 75 | 25 | --- | 18,996 |
| 26 | Life Sciences | 44 | 81 | 52 | 4 | 0 | 26,023 |
| 27 | Mathematics | 20 | 100 | 50 | 30 | 10 | 21,996 |
| 30 | Interdisciplinary | 30 | 100 | 53 | 15 | --- | 18,750 |
| 31 | Parks & Rec | 100 | 100 | --- | --- | --- | --- |
| 40 | Physical Sci | 58 | 100 | 16 | 16 | 8 | 25,599 |
| 42 | Psychology | 42 | 75 | 47 | 10 | --- | 18,402 |
| 43,44 | Protective Svs | 56 | 90 | 18 | 24 | 2 | 19,948 |
| 45 | Social Sci | 67 | 76 | 29 | 6 | --- | 22,612 |
| 50 | Visual Arts | 38 | 20 | --- | 23 | 38 | --- |
| | AVERAGE | 66 | 81 | 16 | 12 | 5 | 23,306 |

TEACHER CERTIFICATES

The institutions accounted for 2021 graduates who received teaching certificates from 1988-89. In the degree completion report prepared by the Michigan Department of Education (Degree Completion Michigan Colleges and Universities 1980-1989, Postsecondary Information Unit), approximately 3,181 education graduates were reported for 1988-89. This figure did not include graduates who received diplomas and teaching certificates from other programs, such as English, Biology, or Mathematics (primarily secondary teachers). This report captured approximately 55% of those graduating with teaching certificates. While 63% of those graduates reported working full-time, only 47% were working in education. This figure is consistent with findings from employment surveys of school districts (national and Michigan) that indicate that new college graduates comprise from 40% to 50% of new hires made each year. The school districts' message is clear that they tend to prefer experienced teachers.

How do new teachers obtain experience? Usually early experience is gained through substitute teaching. Reported in the following table is the "other" category that accounts for those individuals who are working part-time (In the remaining tables, the "other" or "part-time" category can be calculated by adding the percent employed full-time, percent unemployed, and percent in school and then subtracting from 100. Rounding error also needs to be considered.) For the total population, the part-time percentage is approximately 17% which is three times higher than the general Bachelor rate of 5%. This result strongly suggests that a significant number of new teachers were initially only working in a substitute capacity.

Another clue as to why a high proportion of teachers are not working in education can be found in the number working in Michigan. Nearly 75% of those working full-time reside in Michigan; approximately the same percentage as Bachelor's graduates in general if the graduates whose locations were not known (9%, nearly five times higher than Bachelor's graduates) are included with the Michigan tally, the number working in Michigan approaches 85%. Unfortunately, the current labor market in Michigan for teachers can not absorb this many new teachers.

Starting salaries averaged \$18,700 and ranged from \$15,000 to \$24,000 with some exceptions. Generally special education and secondary education (all forms) received higher salaries. Lower salaries were reported by elementary education graduates.

These salary averages mask important differences between private and public education systems. Private systems generally pay lower salaries than public school districts.

The following table highlights the outcomes for selected teacher education programs (more than 50 graduates reported). Graduates from special education reported the highest rates of full-time employment and the lowest rates in part-time employment and unemployment. The lowest full-time employment rates were reported by physical education, general

science education, elementary education, and English graduates. Only in the areas of biology, mathematics, and history was there a tendency to move outside the state.

For those working full-time, the percentage varied widely as to those who were actually employed in education. Some majors, such as special education and child development, have alternative career paths outside of school systems. What is particularly discouraging about these figures are the high percentages for math and science trained teachers not working in education. The national media has drawn attention to the nationwide need for math-science teachers. Apparently Michigan has a market problem with an over supply of new science teachers that are not being directed to areas throughout the country that need these kind of teachers. While there may be a reluctance on the part of new graduates to leave Michigan, advisors should encourage them to begin their career in other states. Once experience has been gained, these teachers will be more competitive for positions in Michigan.

EARLY OUTCOMES FOR SELECTED TEACHER PROGRAMS

| | Percent Employed Full-Time % | Percent Not Working in Education % | Percent Working in Michigan % | Percent Unemployed % | Percent Other % | Average Starting Salary \$ |
|------------------------------|---------------------------------------|---|--|----------------------------|-----------------------|-------------------------------------|
| Special Education, General | 86 | 66 | 82 | 6 | 0 | 18,999 |
| Emotionally Handicapped | 88 | 42 | 79 | 1 | 7 | 20,545 |
| Mentally Handicapped | 76 | 45 | 82 | 2 | 14 | 19,720 |
| Elementary Education | 56 | 45 | 75 | 12 | 15 | 16,950 |
| Business Education | 62 | 62 | 78 | 5 | 20 | 21,876 |
| Physical Education | 50 | 45 | 71 | 6 | 29 | 20,577 |
| Science Education | 56 | 70 | 73 | 8 | 14 | 18,473 |
| Social Science Education | 56 | 34 | 80 | 1 | 22 | 20,729 |
| Teacher Ed/Specific Subject | 64 | 10 | 67 | 0 | 33 | 18,594 |
| Child Development | 65 | 16 | 78 | 6 | 28 | 18,658 |
| English | 57 | 50 | 77 | 7 | 24 | 18,749 |
| Biology | 67 | 26 | 56 | 10 | 9 | 19,604 |
| Mathematics | 65 | 73 | 67 | 1 | 28 | 20,536 |
| Humanities & Social Sciences | 63 | 34 | 75 | 5 | 29 | 18,533 |
| History | 59 | 48 | 51 | 2 | 27 | 19,587 |

NOTES

1. Data contained in these follow-up reports vary from year to year depending on the mix of schools participating and the response rates each school obtains from their individual surveys. In some cases, an institution has several placement offices, all of which were not able to supply data to this report. From the University of Michigan, an institution with a decentralized placement function, the Engineering Placement and Career Planning and Placement offices have provided data for this report. The latter office provides general career counseling to all students with the largest percentage from the School of Literature, Sciences and the Arts. Only students who use their services participate in the follow-up study. The figures supplied by these two offices from the University of Michigan only represent their clientele and may not be representative of students from the entire University.

2. Throughout this report, curriculum areas are listed by their classification of instructional programs (CIP) code that brings together similar programs based upon program purpose and program category. For further discussion see the Michigan Postsecondary Admissions and Financial Assistance Handbook, Michigan State Board of Education, 1985, pp. 164-66.

CERTIFICATE RECIPIENTS

Table 1
Certificate Degrees Conferred Compared to Graduates
Reported and Responding by Participating Institutions
for Major Curriculum Areas 1988-89

| CIP | Curriculum Area | Total * Degrees Conferred Public | Total ** Number of Grads Reported | Percent of Conferred | Total ** Number of Grads Responding | Percent of Conferred | Percent of Reported |
|-----------------|--------------------------------|---|--|----------------------------|--|----------------------------|---------------------------|
| 1 | Agribusiness | 115 | 0 | 0% | 0 | 0% | 0% |
| 2 | Agricultural Sciences | 0 | 0 | 0% | 0 | 0% | 0% |
| 3 | Renewable Natural Resources | 11 | 0 | 0% | 0 | 0% | 0% |
| 4 | Architecture | 3 | 0 | 0% | 1 | 33% | 0% |
| 5 | Area And Ethnic Studies | 0 | 0 | 0% | 0 | 0% | 0% |
| 6 | Business and Management | 191 | 46 | 24% | 19 | 9% | 41% |
| 7 | Business and Office | 706 | 105 | 14% | 51 | 7% | 48% |
| 8 | Marketing and Distribution | 77 | 15 | 19% | 12 | 15% | 80% |
| 9 | Communications | 1 | 0 | 0% | 0 | 0% | 0% |
| 10 | Communications Technology | 4 | 0 | 0% | 0 | 0% | 0% |
| 11 | Computer Science | 109 | 13 | 11% | 2 | 1% | 15% |
| 12 | Consumer, Personal, Misc. Serv | 106 | 15 | 14% | 13 | 12% | 86% |
| 13 | Education | 8 | 9 | >100% | 5 | 62% | 55% |
| 14 | Engineering | 0 | 12 | 0% | 0 | 0% | 0% |
| 15 | Engineering Related Technology | 453 | 19 | 4% | 11 | 2% | 57% |
| 16 | Foreign Language | 24 | 1 | 4% | 0 | 0% | 0% |
| 17 | Allied Health | 807 | 168 | 20% | 86 | 10% | 51% |
| 18 | Health Sciences | 50 | 119 | >100% | 86 | >100% | 72% |
| 19 | Home Economics | 8 | 11 | >100% | 6 | 75% | 54% |
| 20 | Vocational Home Economics | 107 | 37 | 34% | 22 | 20% | 59% |
| 21 | Industrial Arts | 1 | 0 | 0% | 0 | 0% | 0% |
| 22 | Law | 64 | 11 | 17% | 8 | 12% | 72% |
| 23 | Letters | 0 | 0 | 0% | 0 | 0% | 0% |
| 24 | Liberal Studies | 222 | 0 | 0% | 0 | 0% | 0% |
| 25 | Library Sciences | 5 | 8 | >100% | 0 | 0% | 0% |
| 26 | Life Sciences | 0 | 0 | 0% | 0 | 0% | 0% |
| 27 | Mathematics | 5 | 0 | 0% | 0 | 0% | 0% |
| 30 | Interdisciplinary Studies | 26 | 0 | 0% | 0 | 0% | 0% |
| 31 | Parks and Recreation | 0 | 0 | 0% | 0 | 0% | 0% |
| 34 | Health Related Activities | 0 | 0 | 0% | 0 | 0% | 0% |
| 36 | Leisure/Recreational Activitie | 0 | 0 | 0% | 0 | 0% | 0% |
| 38 | Philosophy and Religion | 0 | 0 | 0% | 0 | 0% | 0% |
| 39 | Theology | 15 | 0 | 0% | 0 | 0% | 0% |
| 40 | Physical Sciences | 0 | 0 | 0% | 0 | 0% | 0% |
| 41 | Science Technology | 5 | 0 | 0% | 0 | 0% | 0% |
| 42 | Psychology | 0 | 0 | 0% | 0 | 0% | 0% |
| 43 | Protective Services | 279 | 680 | >100% | 146 | 52% | 21% |
| 44 | Public Affairs | 0 | 0 | 0% | 0 | 0% | 0% |
| 45 | Social Sciences | 14 | 0 | 0% | 1 | 7% | 0% |
| 46 | Construction Trades | 362 | 2 | 0% | 1 | 0% | 50% |
| 47 | Mechanics and Repairers | 259 | 62 | 23% | 27 | 10% | 43% |
| 48 | Precision Production | 200 | 22 | 11% | 6 | 3% | 27% |
| 49 | Transportation and Material Mo | 0 | 0 | 0% | 0 | 0% | 0% |
| 50 | Visual and Performing Arts | 15 | 0 | 0% | 0 | 0% | 0% |
| Totals/Averages | | 4252 | 1355 | 31% | 503 | 11% | 37% |

* Data from Michigan Department of Education

** Data from institutions responding to this survey

Placement Results for 1988-89 Certificate Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|---------------------------|-------------------------------------|----------------------|--------------|--------------|---------------------|------|-------|---------|-----------------|------------------|---------------------------------|-------------------------------|
| | | | Full Time | Full Time | | Mich | Other | Unknown | Un- Employed | | | |
| Architecture | | | | | | | | | | | | |
| 4.0201 | Architecture | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| Totals | | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| Business/Office Marketing | | | | | | | | | | | | |
| 6.0101 | Business and Management, General | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 6.0401 | Business Admin. and Management, Gen | 2 | 0 | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0 | \$0 |
| 6.1701 | Real Estate | 10 | 6 | 60% | 0% | 0% | 100% | 0% | 10% | 30% | 0 | \$0 |
| 6.2001 | Trade and Industrial Management | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 50% | 0% | 1 | \$27,039 |
| 6.9999 | Business and Management, Other | 4 | 3 | 75% | 66% | 0% | 33% | 0% | 0% | 25% | 0 | \$0 |
| 7.0102 | Accounting and Computing | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$17,280 |
| 7.0103 | Bookkeeping | 3 | 2 | 66% | 50% | 50% | 0% | 0% | 0% | 33% | 0 | \$0 |
| 7.0301 | Business Data Processing, General | 9 | 6 | 66% | 16% | 0% | 83% | 22% | 0% | 11% | 19 | \$17,650 |
| 7.0303 | Business Data Entry Operation | 2 | 2 | 100% | 50% | 0% | 50% | 0% | 0% | 0% | 10 | \$13,042 |
| 7.0401 | Office Supervision and Management | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 1 | \$8,112 |
| 7.0605 | Medical Secretary | 8 | 6 | 75% | 83% | 0% | 16% | 25% | 0% | 0% | 11 | \$14,001 |
| 7.0607 | Stenography | 1 | 0 | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0 | \$0 |
| 7.0608 | Word Processing | 11 | 10 | 90% | 30% | 0% | 70% | 0% | 0% | 0% | 2 | \$11,594 |
| 7.0702 | Clerk-Typist | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 0% | 100% | 1 | \$7,904 |
| 7.0705 | General Office Clerk | 10 | 8 | 80% | 75% | 0% | 25% | 10% | 0% | 10% | 29 | \$12,628 |
| 7.0799 | Secretary Programs, Other | 3 | 2 | 66% | 100% | 0% | 0% | 0% | 0% | 33% | 3 | \$12,780 |
| 8.1105 | Travel Service Marketing | 12 | 7 | 58% | 71% | 0% | 28% | 16% | 25% | 25% | 5 | \$12,979 |
| Totals | | 82 | 56 | 68% | 53% | 1% | 44% | 12% | 7% | 17% | 83 | \$14,130 |
| Computer Science | | | | | | | | | | | | |
| 11.0301 | Data Processing | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 50% | 50% | 1 | \$4,160 |
| Totals | | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 50% | 50% | 1 | \$4,160 |
| Cosmetology/Manicuring | | | | | | | | | | | | |
| 12.0403 | Cosmetology | 10 | 6 | 60% | 100% | 0% | 0% | 0% | 10% | 30% | 0 | \$0 |
| 12.0499 | Manicuring | 3 | 1 | 33% | 100% | 0% | 0% | 33% | 0% | 33% | 0 | \$0 |
| Totals | | 13 | 7 | 53% | 100% | 0% | 0% | 7% | 7% | 30% | 0 | \$0 |
| Education | | | | | | | | | | | | |
| 13.0101 | Education, General | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 13.0501 | Instructional Technology | 3 | 3 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 3 | \$38,664 |
| 13.1319 | Technical Education | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 5 | 4 | 80% | 75% | 25% | 0% | 0% | 20% | 0% | 3 | \$38,664 |

Placement Results for 1988-89 Certificate Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number Percent Employed Employed | | Employment Location | | | Percent | Percent | Percent Other | Number Reporting | Average Yearly |
|--|------------------------------------|----------------------|-------------------------------------|--------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------|-------------------|
| | | | Full Time | Full Time | ----- Mich | Other | Unknown | Un- Employed | in School | | | |
| Engineering/Related Technology | | | | | | | | | | | | |
| 15.0202 | Drafting and Design Technology | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 50% | 0% | 2 | \$17,170 |
| 15.0399 | Electrical/Electronic Techn, Other | 1 | 0 | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0 | \$0 |
| 15.0402 | Computer Servicing Technology | 4 | 2 | 50% | 0% | 0% | 100% | 50% | 0% | 0% | 0 | \$0 |
| 15.0603 | Industrial Technology | 1 | 1 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 1 | \$30,000 |
| 15.0610 | Welding Technology | 3 | 2 | 66% | 100% | 0% | 0% | 0% | 33% | 0% | 1 | \$23,982 |
| Totals | | 11 | 7 | 63% | 57% | 0% | 42% | 27% | 18% | 0% | 4 | \$22,081 |
| Health Science | | | | | | | | | | | | |
| 17.0101 | Dental Assisting | 6 | 5 | 83% | 0% | 0% | 100% | 16% | 16% | 33% | 3 | \$13,520 |
| 17.0206 | Emergency Medical/Paramedic | 10 | 8 | 80% | 0% | 0% | 100% | 0% | 20% | 0% | 7 | \$19,653 |
| 17.0210 | Respiratory Therapy Technology | 2 | 2 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0 | \$0 |
| 17.0211 | Surgical Technology | 6 | 5 | 83% | 0% | 0% | 100% | 0% | 16% | 0% | 0 | \$0 |
| 17.0399 | Mortuary Science | 4 | 4 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 4 | \$26,700 |
| 17.0410 | Mental Health/Human Services | 6 | 5 | 83% | 0% | 0% | 100% | 0% | 16% | 0% | 0 | \$0 |
| 17.0503 | Medical Assisting | 4 | 3 | 75% | 0% | 0% | 100% | 0% | 0% | 25% | 9 | \$16,198 |
| 17.0602 | Nursing Assistant | 24 | 8 | 33% | 75% | 0% | 25% | 12% | 37% | 54% | 8 | \$9,921 |
| 17.9999 | Allied Health (Other) | 24 | 10 | 41% | 80% | 0% | 20% | 12% | 8% | 45% | 10 | \$13,561 |
| 18.1101 | Nursing, General | 86 | 54 | 62% | 42% | 0% | 57% | 2% | 38% | 2% | 35 | \$16,119 |
| Totals | | 172 | 104 | 60% | 39% | 0% | 60% | 5% | 28% | 16% | 76 | \$15,919 |
| Home Economics/Vocational | | | | | | | | | | | | |
| 19.0705 | Geriatric Services | 6 | 3 | 50% | 0% | 0% | 100% | 50% | 0% | 0% | 0 | \$0 |
| 20.0102 | Child Development, Care & Guidance | 7 | 3 | 42% | 100% | 0% | 0% | 28% | 57% | 57% | 3 | \$9,485 |
| 20.0201 | Child Care and Guidance Management | 2 | 1 | 50% | 0% | 0% | 100% | 0% | 0% | 50% | 0 | \$0 |
| 20.0406 | Food Services | 3 | 3 | 100% | 33% | 66% | 0% | 0% | 0% | 0% | 3 | \$13,164 |
| 20.9999 | Vocational Home Economics | 10 | 6 | 60% | 50% | 50% | 0% | 10% | 10% | 30% | 5 | \$9,089 |
| Totals | | 28 | 16 | 57% | 43% | 31% | 25% | 21% | 17% | 28% | 11 | \$10,308 |
| Law | | | | | | | | | | | | |
| 22.0103 | Legal Assisting | 8 | 4 | 50% | 0% | 0% | 100% | 12% | 0% | 37% | 0 | \$0 |
| Totals | | 8 | 4 | 50% | 0% | 0% | 100% | 12% | 0% | 37% | 0 | \$0 |
| Protective Services and Public Affairs | | | | | | | | | | | | |
| 43.0102 | Corrections | 146 | 108 | 73% | 13% | 0% | 86% | 14% | 0% | 6% | 14 | \$22,360 |
| Totals | | 146 | 108 | 73% | 13% | 0% | 86% | 14% | 0% | 6% | 14 | \$22,360 |

Placement Results for 1988-89 Certificate Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|---------------------------------|------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | Un- Employed | in School | | | |
| Social Sciences | | | | | | | | | | | | |
| 45.0801 | History | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| MISSING GROUP 46 | | | | | | | | | | | | |
| 46.0401 | Building Maintenance | 1 | 1 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 1 | 1 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0 | \$0 |
| Trade and Industrial Technology | | | | | | | | | | | | |
| 47.0101 | *** CIP NUMBER NOT FOUND *** | 6 | 3 | 50% | 100% | 0% | 0% | 33% | 33% | 50% | 3 | \$18,366 |
| 47.0604 | Automotive Mechanic | 3 | 2 | 66% | 100% | 0% | 0% | 33% | 0% | 0% | 2 | \$23,320 |
| 47.0607 | *** CIP NUMBER NOT FOUND *** | 8 | 6 | 75% | 100% | 0% | 0% | 25% | 0% | 0% | 6 | \$18,168 |
| 47.9999 | *** CIP NUMBER NOT FOUND *** | 10 | 10 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 7 | \$26,624 |
| 48.0199 | *** CIP NUMBER NOT FOUND *** | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$19,512 |
| 48.0503 | Machine Tool Operation | 4 | 2 | 50% | 50% | 0% | 50% | 0% | 25% | 25% | 1 | \$19,240 |
| Totals | | 33 | 25 | 75% | 96% | 0% | 4% | 15% | 9% | 12% | 21 | \$21,685 |
| Grand Totals | | 514 | 340 | 66% | 40% | 2% | 57% | 11% | 14% | 14% | 217 | \$16,411 |

ASSOCIATE'S GRADUATES

Table 3
Associate's Degrees Conferred Compared to Graduates
Reported and Responding by Participating Institutions
for Major Curriculum Areas 1988-89

| CIP | Curriculum Area | Total * | Total ** | Percent of Conferred | Total ** | Percent of Conferred | Percent of Reported |
|-----------------|--------------------------------|-------------------------------|--------------------------------|----------------------------|----------------------------------|----------------------------|---------------------------|
| | | Degrees Conferred Publi | Number of Grads Reported | | Number of Grads Responding | | |
| 1 | Agribusiness | 26 | 0 | 0% | 0 | 0% | 0% |
| 2 | Agricultural Sciences | 8 | 13 | >100% | 9 | >100% | 69% |
| 3 | Renewable Natural Resources | 26 | 5 | 19% | 2 | 7% | 40% |
| 4 | Architecture | 41 | 0 | 0% | 0 | 0% | 0% |
| 5 | Area And Ethnic Studies | 1 | 0 | 0% | 0 | 0% | 0% |
| 6 | Business and Management | 3061 | 521 | 17% | 370 | 12% | 71% |
| 7 | Business and Office | 2405 | 616 | 25% | 288 | 11% | 46% |
| 8 | Marketing and Distribution | 559 | 111 | 19% | 67 | 11% | 60% |
| 9 | Communications | 101 | 167 | >100% | 38 | 37% | 22% |
| 10 | Communications Technology | 106 | 35 | 33% | 23 | 21% | 65% |
| 11 | Computer Science | 580 | 32 | 5% | 28 | 4% | 87% |
| 12 | Consumer, Personal, Misc. Serv | 39 | 2 | 5% | 2 | 5% | 100% |
| 13 | Education | 789 | 1 | 0% | 1 | 0% | 100% |
| 14 | Engineering | 143 | 113 | 79% | 78 | 54% | 69% |
| 15 | Engineering Related Technology | 1828 | 712 | 38% | 539 | 29% | 75% |
| 16 | Foreign Language | 4 | 0 | 0% | 0 | 0% | 0% |
| 17 | Allied Health | 1249 | 366 | 29% | 283 | 22% | 77% |
| 18 | Health Sciences | 1609 | 303 | 18% | 188 | 11% | 62% |
| 19 | Home Economics | 6 | 2 | 33% | 2 | 33% | 100% |
| 20 | Vocational Home Economics | 406 | 292 | 71% | 97 | 23% | 33% |
| 21 | Industrial Arts | 4 | 0 | 0% | 0 | 0% | 0% |
| 22 | Law | 190 | 26 | 13% | 18 | 9% | 69% |
| 23 | Letters | 24 | 1 | 4% | 0 | 0% | 0% |
| 24 | Liberal Studies | 5010 | 661 | 13% | 261 | 5% | 39% |
| 25 | Library Sciences | 1 | 0 | 0% | 0 | 0% | 0% |
| 26 | Life Sciences | 33 | 1 | 3% | 0 | 0% | 0% |
| 27 | Mathematics | 6 | 0 | 0% | 0 | 0% | 0% |
| 30 | Interdisciplinary Studies | 84 | 42 | 50% | 40 | 47% | 95% |
| 31 | Parks and Recreation | 15 | 0 | 0% | 0 | 0% | 0% |
| 34 | Health Related Activities | 0 | 0 | 0% | 0 | 0% | 0% |
| 36 | Leisure/Recreational Activitie | 0 | 7 | 0% | 7 | 0% | 100% |
| 38 | Philosophy and Religion | 1 | 0 | 0% | 0 | 0% | 0% |
| 39 | Theology | 16 | 0 | 0% | 0 | 0% | 0% |
| 40 | Physical Sciences | 210 | 0 | 0% | 0 | 0% | 0% |
| 41 | Science Technology | 80 | 11 | 13% | 11 | 13% | 100% |
| 42 | Psychology | 76 | 9 | 11% | 7 | 9% | 77% |
| 43 | Protective Services | 619 | 124 | 20% | 53 | 8% | 42% |
| 44 | Public Affairs | 86 | 1 | 1% | 1 | 1% | 100% |
| 45 | Social Sciences | 49 | 0 | 0% | 0 | 0% | 0% |
| 46 | Construction Trades | 15 | 0 | 0% | 0 | 0% | 0% |
| 47 | Mechanics and Repairers | 227 | 67 | 29% | 25 | 11% | 37% |
| 48 | Precision Production | 363 | 38 | 10% | 16 | 4% | 42% |
| 49 | Transportation and Material Mo | 37 | 40 | >100% | 9 | 24% | 22% |
| 50 | Visual and Performing Arts | 93 | 36 | 38% | 19 | 20% | 52% |
| Totals/Averages | | 20226 | 4355 | 21% | 2482 | 12% | 56% |

* Data from Michigan Department of Education

** Data from institutions responding to this survey

Table 4
**Placement Results for 1988-89 Associate's Graduates of Selected Michigan
Colleges and Universities by Curriculum Areas for All Groups**

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|--------------------------------|-------------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | Un- Employed | in School | | | |
| Agribus/AgriSci/ReneNatRes | | | | | | | | | | | | |
| 2.0404 | Plant Science | 9 | 4 | 44% | 75% | 25% | 0% | 0% | 55% | 0% | 0 | \$0 |
| 3.0101 | Resource Development | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 50% | 0% | 1 | \$16,000 |
| Totals | | 11 | 5 | 45% | 80% | 20% | 0% | 0% | 54% | 0% | 1 | \$16,000 |
| Business/Office Marketing | | | | | | | | | | | | |
| 6.0101 | Business and Management, General | 132 | 88 | 66% | 10% | 4% | 85% | 1% | 31% | 0% | 76 | \$19,030 |
| 6.0201 | Accounting | 62 | 44 | 70% | 0% | 0% | 100% | 0% | 29% | 0% | 36 | \$14,520 |
| 6.0301 | Banking and Finance | 1 | 1 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 1 | \$15,000 |
| 6.0401 | Business Admin. and Management, Gen | 62 | 34 | 54% | 79% | 0% | 20% | 8% | 32% | 4% | 17 | \$13,948 |
| 6.0701 | Institutional Management | 9 | 6 | 66% | 50% | 0% | 50% | 0% | 11% | 22% | 5 | \$17,095 |
| 6.0799 | Institutional Management, Other | 12 | 9 | 75% | 0% | 0% | 100% | 0% | 25% | 0% | 8 | \$14,232 |
| 6.1399 | Management Science | 5 | 2 | 40% | 0% | 0% | 100% | 60% | 20% | 0% | 2 | \$15,280 |
| 6.1401 | Marketing Management | 22 | 17 | 77% | 0% | 0% | 100% | 4% | 18% | 0% | 11 | \$19,779 |
| 6.1701 | Real Estate | 19 | 2 | 10% | 100% | 0% | 0% | 5% | 84% | 0% | 0 | \$0 |
| 6.1801 | Small Business Management | 3 | 2 | 66% | 100% | 0% | 0% | 33% | 0% | 0% | 1 | \$8,892 |
| 6.9999 | Business and Management, Other | 43 | 25 | 58% | 0% | 0% | 100% | 4% | 11% | 20% | 8 | \$14,604 |
| 7.0101 | Accounting and Bookkeeping | 28 | 15 | 53% | 100% | 0% | 0% | 7% | 28% | 10% | 15 | \$14,831 |
| 7.0102 | Accounting and Computing | 15 | 10 | 66% | 20% | 20% | 60% | 0% | 6% | 26% | 11 | \$15,699 |
| 7.0201 | Banking and Financial Programs | 10 | 5 | 50% | 20% | 0% | 80% | 20% | 20% | 10% | 3 | \$16,320 |
| 7.0301 | Business Data Processing, General | 15 | 11 | 73% | 63% | 0% | 36% | 6% | 13% | 6% | 8 | \$12,375 |
| 7.0305 | Business Data Programming | 18 | 15 | 83% | 0% | 0% | 100% | 5% | 0% | 11% | 15 | \$20,760 |
| 7.0399 | Business Data Processing, Other | 1 | 1 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0 | \$0 |
| 7.0401 | Office Supervision and Management | 26 | 20 | 76% | 80% | 5% | 15% | 7% | 11% | 3% | 13 | \$23,678 |
| 7.0602 | Court Reporting | 9 | 9 | 100% | 66% | 0% | 33% | 0% | 0% | 0% | 3 | \$17,568 |
| 7.0603 | Executive Secretarial | 57 | 43 | 75% | 34% | 0% | 65% | 0% | 14% | 10% | 46 | \$14,629 |
| 7.0604 | Legal Secretarial | 49 | 37 | 75% | 21% | 0% | 78% | 6% | 10% | 8% | 30 | \$14,882 |
| 7.0605 | Medical Secretary | 4 | 3 | 75% | 66% | 0% | 33% | 0% | 0% | 75% | 4 | \$13,589 |
| 7.0606 | Secretarial | 4 | 3 | 75% | 66% | 0% | 33% | 25% | 0% | 0% | 3 | \$12,008 |
| 7.0608 | Word Processing | 34 | 27 | 79% | 3% | 0% | 96% | 5% | 2% | 11% | 21 | \$12,917 |
| 7.0699 | Secretary and Related Programs | 12 | 9 | 75% | 88% | 0% | 11% | 8% | 16% | 0% | 1 | \$16,920 |
| 7.9999 | Business and Office, Other | 6 | 4 | 66% | 0% | 0% | 100% | 0% | 0% | 33% | 6 | \$18,264 |
| 8.0102 | Fashion Merchandising | 25 | 14 | 56% | 35% | 7% | 57% | 0% | 44% | 0% | 1 | \$13,992 |
| 8.0700 | General Marketing | 6 | 3 | 50% | 33% | 0% | 66% | 0% | 0% | 50% | 1 | \$14,556 |
| 8.0705 | Retailing | 16 | 9 | 56% | 44% | 33% | 22% | 12% | 25% | 6% | 8 | \$16,192 |
| 8.0706 | Sales | 2 | 1 | 50% | 0% | 0% | 100% | 0% | 0% | 50% | 0 | \$0 |
| 8.1104 | Tourism | 18 | 6 | 33% | 0% | 0% | 100% | 5% | 16% | 44% | 0 | \$0 |
| Totals | | 725 | 475 | 65% | 28% | 2% | 69% | 4% | 21% | 7% | 354 | \$16,313 |
| Communications/Comm Technology | | | | | | | | | | | | |
| 9.0401 | Journalism (Mass Communication) | 13 | 4 | 30% | 100% | 0% | 0% | 0% | 69% | 0% | 0 | \$0 |
| 9.9999 | Communications, Other | 25 | 4 | 16% | 75% | 25% | 0% | 0% | 84% | 0% | 0 | \$0 |
| 10.0101 | Educational Media Technology | 18 | 1 | 5% | 100% | 0% | 0% | 5% | 88% | 0% | 0 | \$0 |

Placement Results for 1988-89 Associate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|--|------------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | Un- Employed | in School | | | |
| Communications/Comm Technology (Cont.) | | | | | | | | | | | | |
| 10.0199 | Communication Technology, Other | 5 | 2 | 40% | 0% | 0% | 100% | 0% | 40% | 20% | 2 | \$16,620 |
| Totals | | 61 | 11 | 18% | 72% | 9% | 18% | 1% | 78% | 1% | 2 | \$16,520 |
| Computer Science | | | | | | | | | | | | |
| 11.0101 | Computer and Information Science | 5 | 4 | 80% | 0% | 0% | 100% | 0% | 0% | 20% | 5 | \$16,736 |
| 11.0201 | Computer Programming | 21 | 10 | 47% | 40% | 0% | 60% | 9% | 38% | 4% | 11 | \$16,741 |
| 11.0301 | Data Processing | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 0% | 50% | 2 | \$9,336 |
| Totals | | 28 | 15 | 53% | 33% | 0% | 66% | 7% | 28% | 10% | 18 | \$15,517 |
| Cosmetology/Manicuring | | | | | | | | | | | | |
| 12.0403 | Cosmetology | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Education | | | | | | | | | | | | |
| 13.1307 | Health Education | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Engineering/Related Technology | | | | | | | | | | | | |
| 14.0101 | Engineering, General | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 14.0801 | Civil Engineering | 20 | 18 | 90% | 72% | 27% | 0% | 5% | 5% | 0% | 10 | \$18,000 |
| 14.0901 | Computer Engineering | 3 | 2 | 66% | 100% | 0% | 0% | 0% | 33% | 0% | 2 | \$15,500 |
| 14.1001 | Electrical/Electronics/Comm. | 29 | 17 | 58% | 64% | 35% | 0% | 13% | 27% | 0% | 12 | \$19,248 |
| 14.1901 | Mechanical Engineering | 25 | 16 | 64% | 75% | 25% | 0% | 0% | 36% | 0% | 11 | \$18,912 |
| 15.0101 | Architectural Design Technology | 33 | 10 | 30% | 80% | 0% | 20% | 9% | 54% | 6% | 8 | \$16,938 |
| 15.0201 | Civil Technology | 23 | 8 | 34% | 100% | 0% | 0% | 4% | 60% | 0% | 0 | \$0 |
| 15.0202 | Drafting and Design Technology | 78 | 48 | 61% | 54% | 0% | 45% | 1% | 30% | 5% | 39 | \$18,830 |
| 15.0203 | Surveying and Mapping Technology | 10 | 4 | 40% | 100% | 0% | 0% | 0% | 60% | 0% | 0 | \$0 |
| 15.0301 | Computer Technology | 14 | 6 | 42% | 0% | 0% | 100% | 0% | 0% | 57% | 9 | \$17,244 |
| 15.0302 | Electrical Technology | 7 | 4 | 57% | 0% | 0% | 100% | 14% | 28% | 0% | 4 | \$17,958 |
| 15.0303 | Electronic Technology | 59 | 24 | 40% | 45% | 12% | 41% | 6% | 47% | 5% | 18 | \$22,545 |
| 15.0399 | Electrical/Electronic Techn, Other | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 15.0401 | Biomedical Equipment Technology | 6 | 58 | 966% | 0% | 0% | 100% | 0% | 0% | 16% | 5 | \$16,104 |
| 15.0501 | Air Cond./Heat/Refrig. Technology | 35 | 23 | 65% | 69% | 8% | 21% | 8% | 25% | 0% | 14 | \$16,370 |
| 15.0504 | Sanitation Technology | 3 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 15.0603 | Industrial Technology | 18 | 15 | 83% | 20% | 0% | 80% | 0% | 11% | 0% | 8 | \$22,944 |
| 15.0604 | Manufacturing Technology | 6 | 5 | 83% | 20% | 20% | 60% | 0% | 16% | 0% | 5 | \$23,866 |
| 15.0607 | Plastic Technology | 18 | 1 | 5% | 100% | 0% | 0% | 0% | 94% | 0% | 0 | \$0 |
| 15.0610 | Welding Technology | 24 | 3 | 12% | 66% | 0% | 33% | 0% | 87% | 0% | 1 | \$34,260 |

**Placement Results for 1988-89 Associate's Graduates of Selected Michigan
Colleges and Universities by Curriculum Areas for All Groups**

| CIP No. | Curriculum Area | Number Responding | Number Employed | | Percent Employed | | | Employment Location | | | Percent Reporting Salaries | Average Yearly Salaries |
|---|------------------------------------|----------------------|-----------------|--------------|------------------|-----------|------------|---------------------|--------------|------------------|----------------------------------|-------------------------------|
| | | | Full Time | Full Time | ----- | ----- | ----- | Un- Employed | in School | Percent Other | | |
| | | | | | Mich | Other | Unknown | | | | | |
| Engineering/Related Technology (Cont.) | | | | | | | | | | | | |
| 15.0699 | Industrial Production, Other | 47 | 20 | 42% | 90% | 10% | 0% | 2% | 53% | 2% | 11 | \$16,293 |
| 15.0702 | Quality Control Technology | 6 | 4 | 66% | 0% | 0% | 100% | 16% | 0% | 16% | 4 | \$21,852 |
| 15.0801 | Aeronautical Technology | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0 | \$0 |
| 15.0803 | Automotive Technology | 121 | 51 | 42% | 98% | 1% | 0% | 3% | 52% | 2% | 27 | \$17,165 |
| 15.0805 | Mechanical Design Technology | 7 | 1 | 14% | 100% | 0% | 0% | 0% | 85% | 0% | 0 | \$0 |
| 15.0899 | Mechanical Engineering Technology | 19 | 16 | 84% | 68% | 31% | 0% | 10% | 5% | 0% | 14 | \$19,104 |
| 15.0900 | Mining and Petroleum Technology | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$16,860 |
| Totals | | 617 | 357 | 57% | 56% | 8% | 35% | 4% | 42% | 3% | 204 | \$18,778 |
| Health Science | | | | | | | | | | | | |
| 17.0101 | Dental Assisting | 3 | 3 | 100% | 66% | 0% | 33% | 0% | 0% | 0% | 2 | \$16,296 |
| 17.0102 | Dental Hygiene | 74 | 65 | 87% | 81% | 0% | 18% | 1% | 9% | 1% | 22 | \$23,945 |
| 17.0103 | Dental Laboratory Technology | 17 | 13 | 76% | 84% | 15% | 0% | 11% | 11% | 0% | 9 | \$12,828 |
| 17.0208 | Nuclear Medical Technology | 8 | 7 | 87% | 85% | 14% | 0% | 0% | 12% | 0% | 5 | \$24,564 |
| 17.0209 | Radiograph Medical Technology | 67 | 64 | 95% | 54% | 0% | 45% | 0% | 2% | 1% | 49 | \$22,889 |
| 17.0210 | Respiratory Therapy Technology | 26 | 25 | 96% | 40% | 16% | 44% | 0% | 3% | 0% | 23 | \$22,322 |
| 17.0299 | Diagnostic and Treatment Services | 9 | 9 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 9 | \$17,100 |
| 17.0309 | Medical Laboratory Technology | 10 | 6 | 60% | 83% | 16% | 0% | 0% | 40% | 0% | 0 | \$0 |
| 17.0405 | Mental Health/Human Services | 4 | 1 | 25% | 0% | 100% | 0% | 25% | 50% | 0% | 1 | \$15,000 |
| 17.0503 | Medical Assisting | 16 | 16 | 100% | 18% | 0% | 81% | 0% | 0% | 0% | 16 | \$13,696 |
| 17.0506 | Medical Records Technology | 18 | 8 | 44% | 100% | 0% | 0% | 5% | 50% | 0% | 1 | \$15,396 |
| 17.0701 | Ophthalmic Dispensing | 16 | 12 | 75% | 100% | 0% | 0% | 0% | 25% | 0% | 7 | \$15,480 |
| 17.0705 | Ophthalmic Technology | 15 | 14 | 93% | 100% | 0% | 0% | 0% | 6% | 0% | 6 | \$15,192 |
| 18.1101 | Nursing, General | 188 | 156 | 82% | 47% | 2% | 50% | 0% | 4% | 12% | 137 | \$24,316 |
| Totals | | 471 | 399 | 84% | 58% | 3% | 38% | 1% | 8% | 5% | 287 | \$22,184 |
| Home Economics/Vocational | | | | | | | | | | | | |
| 19.0503 | Dietetics/Human Nutrition Services | 2 | 1 | 50% | 0% | 0% | 100% | 0% | 0% | 50% | 2 | \$9,750 |
| 20.0102 | Child Development, Care & Guidance | 14 | 5 | 35% | 100% | 0% | 0% | 0% | 57% | 7% | 1 | \$11,000 |
| 20.0201 | Child Care and Guidance Management | 24 | 11 | 45% | 100% | 0% | 0% | 12% | 37% | 4% | 0 | \$0 |
| 20.0202 | Child Care Aid/Assisting | 17 | 13 | 76% | 7% | 0% | 92% | 5% | 17% | 0% | 7 | \$12,571 |
| 20.0401 | Food Production Management | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 3 | \$15,600 |
| 20.0406 | Food Services | 39 | 7 | 17% | 71% | 0% | 28% | 0% | 79% | 2% | 4 | \$18,066 |
| Totals | | 99 | 40 | 40% | 62% | 0% | 37% | 4% | 51% | 4% | 17 | \$13,974 |
| Law | | | | | | | | | | | | |
| 22.0103 | Legal Assisting | 18 | 2 | 11% | 100% | 0% | 0% | 5% | 83% | 0% | 1 | \$16,500 |
| Totals | | 18 | 2 | 11% | 100% | 0% | 0% | 5% | 83% | 0% | 1 | \$16,500 |

Placement Results for 1988-89 Associate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting | Average Yearly |
|--|------------------------------------|----------------------|--------------------------|--------------------------|---------------------|------|-------|---------|-----------------|------------------|---------------------|-------------------|
| | | | Employed Full Time | Employed Full Time | | Mich | Other | Unknown | Un- Employed | | | |
| Liberal Studies | | | | | | | | | | | | |
| 24.0101 | Liberal/General Studies | 261 | 69 | 26% | 30% | 2% | 66% | 8% | 50% | 13% | 14 | \$19,094 |
| Totals | | 261 | 69 | 26% | 30% | 2% | 66% | 8% | 50% | 13% | 14 | \$19,094 |
| Interdisciplinary Studies | | | | | | | | | | | | |
| 30.0101 | Biological and Physical Sciences | 40 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| Totals | | 40 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| Leisure and Recreational Activities | | | | | | | | | | | | |
| 36.0109 | Travel | 7 | 6 | 85% | 0% | 0% | 100% | 0% | 14% | 0% | 4 | \$9,216 |
| Totals | | 7 | 6 | 85% | 0% | 0% | 100% | 0% | 14% | 0% | 4 | \$9,216 |
| Science Technology | | | | | | | | | | | | |
| 41.0301 | Chemical Technology | 11 | 8 | 72% | 87% | 12% | 0% | 0% | 27% | 0% | 8 | \$20,028 |
| Totals | | 11 | 8 | 72% | 87% | 12% | 0% | 0% | 27% | 0% | 8 | \$20,028 |
| Psychology | | | | | | | | | | | | |
| 42.0101 | Psychology, General | 7 | 4 | 57% | 100% | 0% | 0% | 0% | 42% | 0% | 0 | \$0 |
| Totals | | 7 | 4 | 57% | 100% | 0% | 0% | 0% | 42% | 0% | 0 | \$0 |
| Protective Services and Public Affairs | | | | | | | | | | | | |
| 43.0103 | Criminal Justice Administration | 10 | 8 | 80% | 0% | 0% | 100% | 0% | 0% | 20% | 4 | \$20,640 |
| 43.0107 | Law Enforcement | 26 | 20 | 76% | 65% | 5% | 30% | 15% | 0% | 7% | 20 | \$18,583 |
| 43.0199 | Criminal Justice, Other | 9 | 6 | 66% | 50% | 50% | 0% | 11% | 22% | 0% | 2 | \$15,600 |
| 43.0201 | Fire Control and Safety Technology | 8 | 4 | 50% | 0% | 0% | 100% | 12% | 0% | 37% | 4 | \$19,992 |
| 44.0701 | Social Work | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| Totals | | 54 | 38 | 70% | 42% | 10% | 47% | 11% | 5% | 12% | 30 | \$18,846 |
| Trade and Industrial Technology | | | | | | | | | | | | |
| 47.0603 | Automotive Body Repair | 2 | 2 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 2 | \$18,036 |
| 47.0604 | Automotive Mechanic | 11 | 6 | 54% | 50% | 0% | 50% | 9% | 18% | 18% | 3 | \$20,040 |
| 47.0607 | Engine Repair | 12 | 7 | 58% | 42% | 0% | 57% | 0% | 16% | 25% | 7 | \$19,966 |
| 48.0203 | Commercial Art | 5 | 2 | 40% | 100% | 0% | 0% | 0% | 20% | 40% | 2 | \$15,600 |
| 48.0204 | Commercial Photography | 5 | 4 | 80% | 0% | 0% | 100% | 0% | 20% | 0% | 3 | \$18,480 |
| 48.0502 | Foundry Work | 2 | 2 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 2 | \$23,580 |

Placement Results for 1988-89 Associate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting | Average Yearly |
|---|----------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------|-------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | Un- Employed | in School | | | |
| Trade and Industrial Technology (Cont.) | | | | | | | | | | | | |
| 48.0503 | Machine Tool Operation | 4 | 3 | 75% | 0% | 0% | 100% | 0% | 25% | 0% | 3 | \$19,416 |
| Totals | | 41 | 26 | 63% | 30% | 0% | 69% | 2% | 17% | 17% | 22 | \$19,455 |
| MISSING GROUP 49 | | | | | | | | | | | | |
| 49.0102 | Airplane Piloting and Navigation | 8 | 6 | 75% | 50% | 16% | 33% | 0% | 25% | 0% | 6 | \$19,868 |
| 49.0302 | Water Transportation | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$30,780 |
| Totals | | 9 | 7 | 77% | 42% | 28% | 28% | 0% | 22% | 0% | 7 | \$21,427 |
| Visual and Performing Art | | | | | | | | | | | | |
| 50.0402 | Graphic Design | 6 | 2 | 33% | 0% | 0% | 100% | 16% | 0% | 50% | 0 | \$0 |
| 50.0403 | Illustration Design | 6 | 1 | 16% | 0% | 0% | 100% | 16% | 0% | 50% | 0 | \$0 |
| 50.0701 | Fine Arts, General | 2 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 50.0801 | Graphic Arts Technology | 3 | 0 | 0% | 0% | 0% | 0% | 33% | 66% | 0% | 0 | \$0 |
| 50.0901 | Music | 2 | 1 | 50% | 0% | 0% | 100% | 0% | 0% | 50% | 0 | \$0 |
| Totals | | 19 | 4 | 21% | 0% | 0% | 100% | 15% | 21% | 36% | 0 | \$0 |
| Grand Totals | | 2493 | 1474 | 59% | 46% | 4% | 49% | 4% | 31% | 6% | 970 | \$18,749 |

BACHELOR'S GRADUATES

Table 5
Bachelor's Degrees Conferred Compared to Graduates
Reported and Responding by Participating Institutions
for Major Curriculum Areas 1988-89

| P | Curriculum Area | Total * | Total ** | Percent of Conferred | Total ** | Percent of Conferred | Percent of Reported |
|-----------------|---------------------------------|--------------------------------|--------------------------------|----------------------------|----------------------------------|----------------------------|---------------------------|
| | | Degrees Conferred Public | Number of Grads Reported | | Number of Grads Responding | | |
| | Agribusiness | 414 | 373 | 90% | 242 | 58% | 64% |
| | Agricultural Sciences | 126 | 73 | 57% | 50 | 39% | 68% |
| 3 | Renewable Natural Resources | 143 | 88 | 61% | 61 | 42% | 69% |
| 4 | Architecture | 430 | 153 | 35% | 95 | 22% | 62% |
| 5 | Area And Ethnic Studies | 70 | 20 | 28% | 8 | 11% | 40% |
| 6 | Business and Management | 8767 | 4707 | 53% | 3253 | 37% | 69% |
| 7 | Business and Office | 213 | 83 | 38% | 50 | 23% | 60% |
| 8 | Marketing and Distribution | 642 | 569 | 88% | 359 | 55% | 63% |
| 9 | Communications | 2250 | 1485 | 66% | 758 | 33% | 51% |
| 10 | Communications Technology | 81 | 129 | >100% | 84 | >100% | 65% |
| 11 | Computer Science | 1122 | 667 | 59% | 443 | 39% | 66% |
| 12 | Consumer, Personal, Misc. Serv | 0 | 0 | 0% | 0 | 0% | 0% |
| 13 | Education | 3191 | 1362 | 42% | 851 | 26% | 62% |
| 14 | Engineering | 3679 | 2969 | 80% | 1931 | 52% | 65% |
| 15 | Engineering Related Technology | 917 | 455 | 49% | 319 | 34% | 70% |
| 16 | Foreign Language | 415 | 216 | 52% | 156 | 37% | 72% |
| 17 | Allied Health | 744 | 402 | 54% | 230 | 30% | 57% |
| 18 | Health Sciences | 2323 | 1270 | 54% | 752 | 32% | 59% |
| 19 | Home Economics | 590 | 463 | 78% | 246 | 41% | 53% |
| 20 | Vocational Home Economics | 196 | 50 | 25% | 30 | 15% | 60% |
| 21 | Industrial Arts | 0 | 67 | 0% | 41 | 0% | 61% |
| 22 | Law | 50 | 137 | >100% | 57 | >100% | 41% |
| 23 | Letters | 1854 | 920 | 49% | 661 | 35% | 71% |
| 24 | Liberal Studies | 934 | 268 | 28% | 119 | 12% | 44% |
| 25 | Library Sciences | 2 | 1 | 50% | 0 | 0% | 0% |
| 26 | Life Sciences | 1353 | 761 | 56% | 488 | 36% | 64% |
| 27 | Mathematics | 602 | 295 | 49% | 199 | 33% | 67% |
| 30 | Interdisciplinary Studies | 472 | 387 | 81% | 230 | 48% | 59% |
| 31 | Parks and Recreation | 160 | 166 | >100% | 93 | 58% | 56% |
| 34 | Health Related Activities | 0 | 2 | 0% | 2 | 0% | 100% |
| 36 | Leisure/Recreational Activities | 15 | 9 | 60% | 16 | >100% | >100% |
| 38 | Philosophy and Religion | 169 | 48 | 28% | 52 | 30% | >100% |
| 39 | Theology | 111 | 10 | 9% | 7 | 6% | 70% |
| 40 | Physical Sciences | 600 | 320 | 53% | 208 | 34% | 65% |
| 41 | Science Technology | 2 | 0 | 0% | 0 | 0% | 0% |
| 42 | Psychology | 1796 | 817 | 45% | 519 | 28% | 63% |
| 43 | Protective Services | 750 | 613 | 81% | 388 | 51% | 63% |
| 44 | Public Affairs | 732 | 440 | 60% | 277 | 37% | 62% |
| 45 | Social Sciences | 3588 | 1412 | 39% | 982 | 27% | 69% |
| 46 | Construction Trades | 1 | 0 | 0% | 0 | 0% | 0% |
| 47 | Mechanics and Repairers | 2 | 0 | 0% | 0 | 0% | 0% |
| 48 | Precision Production | 52 | 0 | 0% | 0 | 0% | 0% |
| 49 | Transportation and Material Mo | 4 | 4 | 100% | 3 | 75% | 75% |
| 50 | Visual and Performing Arts | 1296 | 584 | 45% | 334 | 25% | 57% |
| Totals/Averages | | 40858 | 22795 | 55% | 14594 | 35% | 64% |

* Data from Michigan Department of Education

** Data from institutions responding to this survey

Table 6

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number Employed | | Percent Employed | | | Employment Location | | | Number Reporting Salaries | Average Yearly Salaries |
|---------------------------------|-------------------------------------|----------------------|-----------------|--------------|------------------|------|-------|---------------------|-----------------|-------------------------|---------------------------------|-------------------------------|
| | | | Full Time | Full Time | | High | Other | Unknown | Un- Employed | Percent in School | | |
| Agriculture/AgriSci/RenewNatRes | | | | | | | | | | | | |
| 1.0103 | Agricultural Economics | 67 | 58 | 86% | 74% | 25% | 0% | 8% | 4% | 0% | 46 | \$22,500 |
| 1.0601 | Horticulture | 17 | 11 | 64% | 81% | 18% | 0% | 17% | 17% | 0% | 10 | \$18,816 |
| 1.9900 | Agribusiness, Other | 7 | 7 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 4 | \$23,184 |
| 1.9999 | Packaging | 151 | 111 | 73% | 77% | 22% | 0% | 19% | 6% | 0% | 96 | \$27,720 |
| 2.0201 | Animal Sciences | 26 | 14 | 53% | 100% | 0% | 0% | 11% | 34% | 0% | 4 | \$21,372 |
| 2.0301 | Food Sciences | 17 | 14 | 82% | 100% | 0% | 0% | 11% | 5% | 0% | 13 | \$22,452 |
| 2.0501 | Soil Sciences | 7 | 5 | 71% | 80% | 20% | 0% | 28% | 0% | 0% | 4 | \$18,300 |
| 3.0101 | Resource Development | 14 | 10 | 71% | 90% | 10% | 0% | 21% | 7% | 0% | 6 | \$29,497 |
| 3.0302 | Fisheries | 5 | 3 | 60% | 33% | 66% | 0% | 0% | 20% | 20% | 2 | \$16,980 |
| 3.0501 | Soil Sciences | 20 | 14 | 70% | 78% | 21% | 0% | 5% | 25% | 0% | 0 | \$0 |
| 3.0601 | Wildlife Management | 22 | 12 | 54% | 83% | 16% | 0% | 13% | 31% | 0% | 4 | \$18,924 |
| Totals | | 353 | 259 | 73% | 80% | 19% | 0% | 14% | 11% | 0% | 169 | \$24,943 |
| Architecture | | | | | | | | | | | | |
| 4.0201 | Architecture | 31 | 28 | 90% | 67% | 32% | 0% | 9% | 9% | 3% | 20 | \$22,877 |
| 4.0301 | Land Use Analysis | 16 | 13 | 81% | 92% | 7% | 0% | 12% | 6% | 6% | 4 | \$19,674 |
| 4.0501 | Interior Design | 28 | 22 | 78% | 81% | 18% | 0% | 17% | 3% | 0% | 20 | \$17,134 |
| 4.0601 | Landscape Architecture | 20 | 15 | 75% | 100% | 0% | 0% | 15% | 10% | 0% | 15 | \$20,640 |
| Totals | | 95 | 78 | 82% | 82% | 17% | 0% | 13% | 7% | 2% | 59 | \$20,144 |
| Area and Ethnic Studies | | | | | | | | | | | | |
| 5.0102 | American Studies | 1 | 0 | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0 | \$0 |
| 5.0103 | Asian Studies | 2 | 1 | 50% | 0% | 100% | 0% | 0% | 50% | 0% | 1 | \$24,996 |
| 5.0110 | Russian and Slavic Studies | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0 | \$0 |
| 5.0701 | Area Studies, Other | 4 | 3 | 75% | 100% | 0% | 0% | 25% | 0% | 0% | 0 | \$0 |
| Totals | | 8 | 4 | 50% | 75% | 25% | 0% | 25% | 12% | 12% | 1 | \$24,996 |
| Business/Office Marketing | | | | | | | | | | | | |
| 6.0101 | Business and Management, General | 256 | 226 | 88% | 70% | 10% | 18% | 5% | 5% | 3% | 173 | \$22,896 |
| 6.0201 | Accounting | 719 | 615 | 85% | 79% | 10% | 10% | 7% | 5% | 2% | 461 | \$23,529 |
| 6.0301 | Banking and Finance | 357 | 268 | 75% | 91% | 8% | 0% | 13% | 10% | 2% | 167 | \$22,959 |
| 6.0401 | Business Admin. and Management, Gen | 756 | 582 | 76% | 75% | 17% | 7% | 14% | 6% | 3% | 301 | \$22,012 |
| 6.0402 | Material Management and Purchasing | 100 | 85 | 85% | 83% | 16% | 0% | 14% | 1% | 0% | 73 | \$25,932 |
| 6.0404 | Systems Efficiency Analysis | 6 | 5 | 83% | 60% | 40% | 0% | 16% | 0% | 16% | 3 | \$23,364 |
| 6.0499 | Business Admin./Management, Other | 28 | 26 | 92% | 92% | 7% | 0% | 0% | 3% | 3% | 18 | \$22,724 |
| 6.0501 | Business Economics | 115 | 81 | 70% | 62% | 37% | 0% | 2% | 8% | 6% | 75 | \$18,313 |
| 6.0601 | Human Resources Development | 13 | 8 | 61% | 62% | 37% | 0% | 15% | 23% | 0% | 7 | \$19,596 |
| 6.0701 | Institutional Management | 99 | 93 | 93% | 35% | 64% | 0% | 2% | 3% | 1% | 75 | \$20,204 |
| 6.0705 | Transportation Management | 11 | 9 | 81% | 66% | 33% | 0% | 18% | 0% | 0% | 9 | \$23,940 |
| 6.0799 | Institutional Management, Other | 6 | 5 | 83% | 0% | 0% | 100% | 0% | 16% | 0% | 1 | \$13,512 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number Percent | | Employment Location | | | Percent Un- Employed | Percent in School | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|-----------------------------------|------------------------------------|----------------------|--------------------------|-------------------------|---------------------|-------|---------|----------------------------|-------------------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Percent Full Time | Mich | Other | Unknown | | | | | |
| Business/Office Marketing (Cont.) | | | | | | | | | | | | |
| 6.0801 | Insurance and Risk Management | 12 | 9 | 75% | 100% | 0% | 0% | 25% | 0% | 0% | 5 | \$19,524 |
| 6.0901 | International Business Management | 18 | 10 | 55% | 70% | 30% | 0% | 22% | 5% | 11% | 0 | \$0 |
| 6.1101 | Labor/Industrial Relations | 2 | 1 | 50% | 100% | 0% | 0% | 50% | 0% | 0% | 1 | \$50,004 |
| 6.1201 | Management Information Systems | 41 | 37 | 90% | 78% | 21% | 0% | 9% | 0% | 0% | 20 | \$25,380 |
| 6.1302 | Operations Research | 49 | 41 | 83% | 90% | 9% | 0% | 12% | 4% | 0% | 35 | \$25,776 |
| 6.1401 | Management Science | 67 | 49 | 73% | 91% | 4% | 4% | 5% | 7% | 13% | 25 | \$24,156 |
| 6.1401 | Marketing Management | 414 | 345 | 83% | 77% | 15% | 6% | 11% | 4% | 3% | 232 | \$21,606 |
| 6.1499 | Marketing Management, Other | 20 | 19 | 95% | 78% | 21% | 0% | 0% | 0% | 5% | 12 | \$16,108 |
| 6.1601 | Personnel Management | 29 | 19 | 65% | 68% | 31% | 0% | 34% | 0% | 0% | 9 | \$22,008 |
| 6.1701 | Real Estate | 8 | 8 | 100% | 87% | 12% | 0% | 0% | 0% | 0% | 4 | \$17,880 |
| 6.1801 | Small Business Management | 8 | 7 | 87% | 71% | 28% | 0% | 0% | 0% | 12% | 0 | \$0 |
| 6.2001 | Trade and Industrial Management | 115 | 107 | 93% | 75% | 24% | 0% | 6% | 0% | 14% | 232 | \$5,515 |
| 6.9999 | Business and Management, Other | 4 | 3 | 75% | 33% | 66% | 0% | 25% | 0% | 0% | 3 | \$26,332 |
| 7.0101 | Accounting and Bookkeeping | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 7.0401 | Office Supervision and Management | 30 | 22 | 73% | 81% | 13% | 4% | 20% | 0% | 3% | 9 | \$18,677 |
| 7.0601 | Secretarial and Related Programs | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 7.0602 | Court Reporting | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 7.0603 | Executive Secretarial | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$18,996 |
| 7.0604 | Legal Secretarial | 11 | 9 | 81% | 88% | 0% | 11% | 18% | 0% | 0% | 7 | \$19,572 |
| 7.0608 | Word Processing | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 3 | \$19,224 |
| 8.0102 | Fashion Merchandising | 54 | 43 | 79% | 81% | 18% | 0% | 7% | 18% | 11% | 28 | \$18,972 |
| 8.0201 | Business Marketing | 131 | 98 | 74% | 74% | 25% | 0% | 19% | 4% | 1% | 84 | \$23,640 |
| 8.0702 | Industrial Sales | 19 | 18 | 94% | 44% | 55% | 0% | 5% | 0% | 0% | 18 | \$23,736 |
| 8.0705 | Retailing | 14 | 11 | 78% | 90% | 9% | 0% | 21% | 0% | 0% | 8 | \$14,592 |
| 8.0706 | Sales | 31 | 26 | 83% | 88% | 11% | 0% | 12% | 3% | 0% | 15 | \$23,016 |
| 8.0901 | Hospitality/Recreational Marketing | 17 | 17 | 100% | 52% | 47% | 0% | 0% | 0% | 0% | 11 | \$19,668 |
| 8.0903 | Marketing of Recreation Services | 52 | 50 | 96% | 24% | 76% | 0% | 0% | 1% | 1% | 24 | \$15,684 |
| 8.0999 | Hospitality and Recreation, Other | 29 | 26 | 89% | 65% | 34% | 0% | 6% | 3% | 0% | 8 | \$20,280 |
| 8.1104 | Tourism | 12 | 10 | 83% | 100% | 0% | 0% | 8% | 0% | 8% | 8 | \$17,688 |
| Totals | | 3662 | 2997 | 81% | 75% | 18% | 6% | 10% | 5% | 3% | 2165 | \$20,589 |
| Communications/Comm Technology | | | | | | | | | | | | |
| 9.0101 | Communications | 334 | 231 | 69% | 79% | 19% | 0% | 18% | 7% | 5% | 166 | \$20,605 |
| 9.0201 | Advertising | 188 | 129 | 68% | 82% | 17% | 0% | 25% | 5% | 0% | 72 | \$19,755 |
| 9.0401 | Journalism (Mass Communication) | 105 | 79 | 75% | 84% | 15% | 0% | 14% | 16% | 6% | 48 | \$18,271 |
| 9.0501 | Public Relations | 11 | 9 | 81% | 88% | 11% | 0% | 18% | 9% | 0% | 3 | \$21,664 |
| 9.0701 | Telecommunications | 120 | 84 | 70% | 84% | 15% | 0% | 24% | 6% | 2% | 44 | \$18,310 |
| 10.0104 | Radio/TV Production | 43 | 29 | 67% | 79% | 20% | 0% | 16% | 6% | 9% | 15 | \$19,632 |
| 10.0199 | Communication Technology, Other | 41 | 30 | 73% | 56% | 43% | 0% | 21% | 4% | 0% | 18 | \$25,525 |
| Totals | | 842 | 591 | 70% | 80% | 19% | 0% | 20% | 7% | 4% | 366 | \$20,067 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|------------------|-------------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | High | Other | Unknown | Un- Employed | in School | | | |
| Computer Science | | | | | | | | | | | | |
| 11.0101 | Computer and Information Science | 276 | 221 | 80% | 76% | 23% | 0% | 9% | 17% | 4% | 160 | \$27,068 |
| 11.0201 | Computer Programming | 15 | 13 | 86% | 0% | 0% | 100% | 6% | 6% | 0% | 12 | \$19,920 |
| 11.0301 | Data Processing | 4 | 3 | 75% | 100% | 0% | 0% | 0% | 0% | 25% | 1 | \$20,004 |
| 11.0401 | Information Sciences | 51 | 47 | 92% | 87% | 8% | 4% | 1% | 3% | 3% | 42 | \$26,334 |
| 11.0501 | Systems Analysis | 10 | 7 | 70% | 71% | 28% | 0% | 10% | 20% | 0% | 7 | \$23,501 |
| 11.9999 | Computer/Information Science, Other | 87 | 71 | 81% | 81% | 18% | 0% | 9% | 6% | 2% | 52 | \$24,036 |
| Totals | | 443 | 362 | 81% | 75% | 19% | 4% | 8% | 13% | 3% | 274 | \$25,950 |
| Education | | | | | | | | | | | | |
| 13.0101 | Education, General | 1 | 0 | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0 | \$0 |
| 13.1001 | Special Education, General | 21 | 15 | 71% | 100% | 0% | 0% | 23% | 4% | 0% | 11 | \$20,496 |
| 13.1003 | Education of the Deaf | 8 | 6 | 75% | 100% | 0% | 0% | 0% | 0% | 25% | 4 | \$21,204 |
| 13.1005 | Educ. of Emotionally Handicapped | 46 | 36 | 78% | 72% | 22% | 5% | 2% | 6% | 13% | 26 | \$20,942 |
| 13.1006 | Education of Mentally Handicapped | 27 | 20 | 74% | 75% | 15% | 10% | 3% | 14% | 7% | 12 | \$19,452 |
| 13.1008 | Education, Physically Handicapped | 13 | 10 | 76% | 80% | 20% | 0% | 0% | 15% | 7% | 8 | \$19,740 |
| 13.1009 | Education of Visually Handicapped | 2 | 1 | 50% | 0% | 100% | 0% | 0% | 50% | 0% | 1 | \$21,504 |
| 13.1012 | Speech Correction | 26 | 12 | 46% | 100% | 0% | 0% | 3% | 42% | 11% | 10 | \$21,492 |
| 13.1202 | Elementary Education | 329 | 171 | 51% | 87% | 12% | 0% | 18% | 17% | 12% | 98 | \$18,412 |
| 13.1204 | Pre-Elementary Education | 12 | 5 | 41% | 100% | 0% | 0% | 8% | 25% | 25% | 4 | \$17,016 |
| 13.1205 | Secondary Education | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 13.1301 | Agricultural Education | 2 | 1 | 50% | 100% | 0% | 0% | 50% | 0% | 0% | 1 | \$20,004 |
| 13.1302 | Art Education | 23 | 9 | 39% | 88% | 11% | 0% | 13% | 34% | 17% | 8 | \$20,280 |
| 13.1303 | Business Education | 22 | 18 | 81% | 100% | 0% | 0% | 4% | 4% | 13% | 15 | \$21,042 |
| 13.1305 | English Education | 33 | 21 | 63% | 90% | 9% | 0% | 3% | 15% | 18% | 15 | \$15,996 |
| 13.1306 | Foreign Language Education | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$21,000 |
| 13.1307 | Health Education | 7 | 1 | 14% | 100% | 0% | 0% | 42% | 42% | 0% | 0 | \$0 |
| 13.1308 | Home Economics Education | 9 | 3 | 33% | 66% | 33% | 0% | 44% | 22% | 22% | 3 | \$19,668 |
| 13.1309 | Industrial Arts Education | 9 | 7 | 77% | 100% | 0% | 0% | 11% | 11% | 11% | 5 | \$23,844 |
| 13.1310 | Marketing & Distributive Education | 34 | 16 | 47% | 93% | 6% | 0% | 8% | 20% | 23% | 11 | \$23,462 |
| 13.1311 | Mathematics Education | 9 | 6 | 66% | 66% | 33% | 0% | 0% | 0% | 33% | 5 | \$20,280 |
| 13.1312 | Music Education | 18 | 13 | 72% | 84% | 15% | 0% | 0% | 5% | 22% | 5 | \$20,309 |
| 13.1314 | Physical Education | 80 | 50 | 62% | 68% | 26% | 6% | 12% | 13% | 12% | 31 | \$17,697 |
| 13.1316 | Science Education | 42 | 21 | 50% | 80% | 19% | 0% | 9% | 21% | 16% | 19 | \$19,920 |
| 13.1317 | Social Science Education | 55 | 30 | 54% | 80% | 20% | 0% | 3% | 21% | 21% | 18 | \$20,733 |
| 13.1318 | Social Studies Education | 17 | 6 | 35% | 100% | 0% | 0% | 11% | 5% | 47% | 3 | \$18,417 |
| 13.1320 | Trade & Industrial Education | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$21,996 |
| 13.1399 | Teacher Education/Specific Subject | 3 | 2 | 66% | 100% | 0% | 0% | 33% | 0% | 0% | 1 | \$17,496 |
| Totals | | 851 | 483 | 56% | 84% | 13% | 1% | 12% | 16% | 14% | 316 | \$19,456 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting | Average Yearly Salaries |
|--------------------------------|--------------------------------------|----------------------|--------------|--------------|---------------------|-------|---------|----------|---------|------------------|---------------------|-------------------------------|
| | | | Employed | Employed | | | | Un- | In | | | |
| | | | Full Time | Full Time | Mich | Other | Unknown | Employed | School | | | |
| Engineering/Related Technology | | | | | | | | | | | | |
| 14.0101 | Engineering, General | 103 | 80 | 77% | 86% | 13% | 0% | 2% | 17% | 0% | 66 | \$27,742 |
| 14.0201 | Aerospace/Aeronautical/Astronautical | 64 | 45 | 70% | 8% | 91% | 0% | 23% | 4% | 1% | 31 | \$30,161 |
| 14.0301 | Agricultural Engineering | 16 | 8 | 50% | 87% | 12% | 0% | 12% | 37% | 0% | 5 | \$22,243 |
| 14.0701 | Chemical Engineering | 137 | 110 | 80% | 63% | 36% | 0% | 10% | 10% | 1% | 105 | \$32,454 |
| 14.0801 | Civil Engineering | 133 | 99 | 74% | 61% | 38% | 0% | 8% | 14% | 4% | 73 | \$27,619 |
| 14.0901 | Computer Engineering | 58 | 47 | 81% | 44% | 55% | 0% | 8% | 13% | 1% | 34 | \$31,491 |
| 14.1001 | Electrical/Electronics/Comm. | 530 | 423 | 79% | 59% | 40% | 0% | 7% | 13% | 1% | 316 | \$30,878 |
| 14.1101 | Mechanics Engineering | 4 | 1 | 25% | 100% | 0% | 0% | 25% | 50% | 0% | 1 | \$33,000 |
| 14.1301 | Engineering Science | 4 | 2 | 50% | 50% | 50% | 0% | 0% | 50% | 0% | 3 | \$29,700 |
| 14.1401 | Environmental Health Engineering | 10 | 9 | 90% | 55% | 44% | 0% | 10% | 0% | 0% | 6 | \$28,872 |
| 14.1501 | Geological Engineering | 3 | 2 | 66% | 0% | 100% | 0% | 33% | 0% | 0% | 2 | \$21,468 |
| 14.1701 | Industrial Engineering | 88 | 70 | 79% | 58% | 41% | 0% | 18% | 3% | 0% | 50 | \$29,762 |
| 14.1801 | Materials Engineering | 12 | 8 | 66% | 87% | 12% | 0% | 8% | 25% | 0% | 8 | \$29,580 |
| 14.1901 | Mechanical Engineering | 688 | 554 | 80% | 74% | 25% | 0% | 7% | 11% | 0% | 391 | \$30,747 |
| 14.2001 | Metallurgical Engineering | 54 | 51 | 94% | 66% | 33% | 0% | 0% | 9% | 0% | 43 | \$30,488 |
| 14.2101 | Mining and Mineral Eng. | 2 | 2 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 2 | \$30,840 |
| 14.2201 | Naval Architecture/Marine Engineer | 2 | 1 | 50% | 0% | 100% | 0% | 0% | 50% | 0% | 1 | \$27,504 |
| 14.2301 | Nuclear Engineering | 3 | 1 | 33% | 0% | 100% | 0% | 33% | 33% | 0% | 1 | \$31,212 |
| 14.2701 | Systems Science | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$28,668 |
| 14.9999 | Engineering, Other | 19 | 14 | 73% | 78% | 21% | 0% | 0% | 26% | 0% | 7 | \$30,393 |
| 15.0000 | Engineering & Related Technologies | 20 | 19 | 95% | 100% | 0% | 0% | 0% | 35% | 5% | 16 | \$34,608 |
| 15.0101 | Architectural Design Technology | 12 | 11 | 91% | 100% | 0% | 0% | 0% | 0% | 8% | 5 | \$30,300 |
| 15.0203 | Surveying and Mapping Technology | 9 | 9 | 100% | 88% | 11% | 0% | 0% | 0% | 0% | 8 | \$21,228 |
| 15.0301 | Computer Technology | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$27,000 |
| 15.0303 | Electronic Technology | 27 | 24 | 88% | 100% | 0% | 0% | 11% | 0% | 0% | 14 | \$22,698 |
| 15.0503 | Energy Management Technology | 13 | 13 | 100% | 84% | 15% | 0% | 0% | 0% | 0% | 12 | \$29,414 |
| 15.0504 | Sanitation Technology | 2 | 0 | 0% | 0% | 0% | 0% | 50% | 50% | 0% | 0 | \$0 |
| 15.0599 | Environmental Control Tech. Other | 16 | 14 | 87% | 71% | 26% | 0% | 12% | 0% | 0% | 10 | \$20,592 |
| 15.0603 | Industrial Technology | 42 | 41 | 97% | 85% | 9% | 4% | 2% | 2% | 0% | 19 | \$32,495 |
| 15.0604 | Manufacturing Technology | 20 | 20 | 100% | 95% | 5% | 0% | 0% | 0% | 0% | 14 | \$29,004 |
| 15.0607 | Plastic Technology | 29 | 27 | 93% | 74% | 25% | 0% | 3% | 0% | 0% | 22 | \$29,174 |
| 15.0610 | Welding Technology | 7 | 6 | 85% | 85% | 16% | 0% | 14% | 0% | 0% | 5 | \$28,308 |
| 15.0699 | Industrial Production, Other | 44 | 39 | 88% | 84% | 15% | 0% | 9% | 4% | 0% | 25 | \$28,113 |
| 15.0701 | Occupation Safty and Health | 13 | 13 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 11 | \$24,456 |
| 15.0801 | Aeronautical Technology | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$21,996 |
| 15.0803 | Automotive Technology | 15 | 10 | 66% | 70% | 30% | 0% | 0% | 33% | 0% | 8 | \$25,608 |
| 15.0805 | Mechanical Design Technology | 42 | 36 | 85% | 94% | 2% | 2% | 4% | 9% | 2% | 25 | \$25,658 |
| 15.0899 | Mechanical Engineering Technology | 6 | 6 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 3 | \$27,336 |
| Totals | | 2250 | 1818 | 80% | 68% | 30% | 0% | 7% | 11% | 1% | 1345 | \$30,033 |
| Foreign Language | | | | | | | | | | | | |
| 16.0101 | Foreign Languages, Multiple Emphasis | 6 | 3 | 50% | 33% | 66% | 0% | 0% | 33% | 16% | 2 | \$15,000 |
| 16.0402 | Russian | 9 | 4 | 44% | 25% | 75% | 0% | 22% | 33% | 0% | 4 | \$22,614 |
| 16.0501 | German | 40 | 26 | 65% | 73% | 23% | 3% | 5% | 15% | 7% | 17 | \$17,216 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|---------------------------|-------------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | Un- Employed | in School | | | |
| Foreign Language (Cont.) | | | | | | | | | | | | |
| 16.0901 | French | 42 | 23 | 54% | 60% | 39% | 0% | 14% | 26% | 2% | 14 | \$17,854 |
| 16.0902 | Italian | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$21,996 |
| 16.0903 | Latin | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 50% | 0% | 1 | \$10,140 |
| 16.0905 | Spanish | 35 | 18 | 51% | 50% | 44% | 5% | 11% | 22% | 11% | 13 | \$18,374 |
| 16.9999 | Language and International Trade | 21 | 16 | 76% | 62% | 31% | 6% | 4% | 4% | 9% | 11 | \$18,444 |
| Totals | | 156 | 93 | 59% | 59% | 37% | 3% | 9% | 20% | 7% | 63 | \$18,047 |
| Health Science | | | | | | | | | | | | |
| 17.0206 | Emergency Medical/Paramedic | 3 | 2 | 66% | 100% | 0% | 0% | 0% | 0% | 33% | 2 | \$20,796 |
| 17.0208 | Nuclear Medical Technology | 6 | 6 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 17.0209 | Radiograph Medical Technology | 11 | 11 | 100% | 100% | 0% | 0% | 0% | 45% | 0% | 10 | \$23,474 |
| 17.0310 | Medical Technology | 38 | 33 | 86% | 93% | 6% | 0% | 0% | 10% | 2% | 14 | \$22,367 |
| 17.0399 | Mortuary Science | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$26,700 |
| 17.0499 | Mental Health/Human Services | 11 | 0 | 0% | 0% | 0% | 0% | 0% | 90% | 9% | 0 | \$0 |
| 17.0804 | Exercise Physiology | 15 | 11 | 73% | 72% | 27% | 0% | 0% | 26% | 0% | 3 | \$19,368 |
| 17.0806 | Music Therapy | 6 | 4 | 66% | 25% | 75% | 0% | 0% | 0% | 33% | 1 | \$16,596 |
| 17.0807 | Occupational Therapy | 61 | 58 | 95% | 74% | 25% | 0% | 0% | 9% | 4% | 56 | \$25,485 |
| 17.0813 | Physical Therapy | 58 | 53 | 91% | 88% | 9% | 1% | 0% | 15% | 3% | 46 | \$27,184 |
| 17.0816 | Recreational Therapy | 7 | 7 | 100% | 71% | 28% | 0% | 0% | 0% | 0% | 5 | \$19,157 |
| 17.9999 | Allied Health (Other) | 12 | 10 | 83% | 90% | 10% | 0% | 0% | 8% | 8% | 3 | \$24,696 |
| 18.0103 | Speech Pathology/Audiology | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 18.0199 | Audiology/Speech Pathology (Other) | 27 | 2 | 7% | 100% | 0% | 0% | 3% | 88% | 0% | 1 | \$15,000 |
| 18.0299 | Basic Clinical Health Sciences | 44 | 29 | 65% | 89% | 6% | 3% | 4% | 18% | 9% | 11 | \$20,689 |
| 18.0701 | Health Care Administration | 40 | 34 | 85% | 88% | 8% | 2% | 10% | 7% | 0% | 24 | \$21,490 |
| 18.0702 | Health and Society | 2 | 1 | 50% | 100% | 0% | 0% | 50% | 0% | 0% | 1 | \$22,000 |
| 18.0703 | Medical Records Administration | 23 | 22 | 95% | 95% | 4% | 0% | 0% | 0% | 4% | 15 | \$20,268 |
| 18.0799 | Health Science Administration | 15 | 14 | 93% | 100% | 0% | 0% | 0% | 0% | 6% | 5 | \$32,316 |
| 18.1101 | Nursing, General | 480 | 430 | 89% | 93% | 6% | 0% | 1% | 10% | 6% | 283 | \$26,978 |
| 18.1201 | Optometry | 18 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 18.1301 | Osteopathic Medicine | 2 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 18.1401 | Pharmacy | 38 | 111 | 292% | 90% | 9% | 0% | 0% | 42% | 10% | 54 | \$36,784 |
| 18.1801 | Pre-Medicine | 11 | 1 | 9% | 100% | 0% | 0% | 0% | 90% | 0% | 1 | \$30,000 |
| 18.2401 | Veterinary Medicine | 37 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 18.9999 | Health Science, Other | 14 | 8 | 57% | 87% | 12% | 0% | 0% | 35% | 7% | 2 | \$23,748 |
| Totals | | 982 | 849 | 86% | 90% | 9% | 0% | 1% | 21% | 5% | 539 | \$26,920 |
| Home Economics/Vocational | | | | | | | | | | | | |
| 19.0101 | Home Economics | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 19.0301 | Family and Community Services | 33 | 19 | 57% | 84% | 15% | 0% | 24% | 18% | 0% | 16 | \$17,491 |
| 19.0401 | Family/Consumer Resource Management | 6 | 5 | 83% | 80% | 20% | 0% | 0% | 0% | 16% | 5 | \$19,896 |
| 19.0501 | Food Science and Human Nutrition | 11 | 8 | 72% | 62% | 37% | 0% | 18% | 27% | 0% | 6 | \$21,046 |
| 19.0503 | Dietetics/Human Nutrition Services | 36 | 27 | 75% | 81% | 18% | 0% | 2% | 16% | 5% | 12 | \$20,852 |

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| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|-----------------------------------|------------------------------------|----------------------|--------------------------|--------------------------|---------------------|------|-------|---------|-----------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | | Mich | Other | Unknown | Un- Employed | | | |
| Home Economics/Vocational (Cont.) | | | | | | | | | | | | |
| 19.0601 | Human Environment and Housing | 11 | 8 | 72% | 87% | 12% | 0% | 9% | 9% | 9% | 5 | \$23,302 |
| 19.0701 | Individual and Family Development | 11 | 8 | 72% | 100% | 0% | 0% | 0% | 18% | 18% | 3 | \$16,164 |
| 19.0901 | Textiles and Clothing | 33 | 30 | 90% | 80% | 20% | 0% | 6% | 3% | 0% | 10 | \$18,626 |
| 19.0903 | Textiles and Clothing, Retail | 103 | 85 | 82% | 65% | 34% | 0% | 14% | 2% | 0% | 68 | \$18,468 |
| 20.0102 | Child Development, Care & Guidance | 30 | 23 | 76% | 95% | 0% | 4% | 16% | 6% | 0% | 14 | \$17,700 |
| Totals | | 276 | 215 | 77% | 77% | 22% | 0% | 12% | 8% | 2% | 139 | \$18,782 |
| Industrial Arts | | | | | | | | | | | | |
| 21.0102 | Construction | 41 | 38 | 92% | 92% | 7% | 0% | 4% | 2% | 0% | 32 | \$25,464 |
| Totals | | 41 | 38 | 92% | 92% | 7% | 0% | 4% | 2% | 0% | 32 | \$25,464 |
| Law | | | | | | | | | | | | |
| 22.0102 | Pre-Law | 50 | 12 | 24% | 66% | 33% | 0% | 8% | 66% | 2% | 10 | \$20,508 |
| 22.0103 | Legal Assisting | 7 | 7 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$18,600 |
| Totals | | 57 | 19 | 33% | 78% | 21% | 0% | 7% | 57% | 1% | 12 | \$20,190 |
| Letters | | | | | | | | | | | | |
| 23.0101 | English, General | 351 | 190 | 54% | 77% | 21% | 1% | 10% | 24% | 13% | 100 | \$16,368 |
| 23.0301 | Comparative Literature | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$15,000 |
| 23.0401 | Composition | 21 | 13 | 61% | 69% | 23% | 7% | 9% | 4% | 14% | 7 | \$23,532 |
| 23.0601 | Linguistics (Semantics/Philology) | 3 | 1 | 33% | 0% | 100% | 0% | 0% | 66% | 0% | 1 | \$19,500 |
| 23.0801 | Literature, English | 100 | 56 | 56% | 39% | 60% | 0% | 8% | 27% | 9% | 47 | \$19,154 |
| 23.1001 | Speech, Debate, Forensics | 158 | 123 | 77% | 75% | 23% | 0% | 1% | 9% | 9% | 78 | \$17,965 |
| 23.1101 | Technical and Business Writing | 3 | 2 | 66% | 100% | 0% | 0% | 33% | 0% | 0% | 0 | \$0 |
| 23.9999 | Letters, Other | 24 | 18 | 75% | 94% | 5% | 0% | 12% | 0% | 12% | 8 | \$18,267 |
| Totals | | 661 | 404 | 61% | 72% | 26% | 0% | 8% | 19% | 11% | 242 | \$17,701 |
| Liberal Studies | | | | | | | | | | | | |
| 24.0101 | Liberal/General Studies | 27 | 19 | 70% | 68% | 31% | 0% | 11% | 18% | 0% | 9 | \$28,005 |
| 24.0199 | Fine Arts Studies | 92 | 59 | 64% | 79% | 20% | 0% | 10% | 15% | 15% | 41 | \$25,546 |
| Totals | | 119 | 78 | 65% | 76% | 23% | 0% | 10% | 15% | 11% | 50 | \$25,989 |
| Life Sciences | | | | | | | | | | | | |
| 26.0101 | Biology, General | 368 | 155 | 42% | 74% | 23% | 1% | 5% | 49% | 8% | 88 | \$19,087 |
| 26.0201 | Biochemistry and Biophysics | 35 | 14 | 40% | 92% | 7% | 0% | 5% | 54% | 0% | 8 | \$24,390 |
| 26.0301 | Botany | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$14,004 |

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|-------------------------------------|----------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | Un- Employed | In School | | | |
| Life Sciences (Cont.) | | | | | | | | | | | | |
| 26.0501 | Microbiology | 26 | 14 | 53% | 71% | 28% | 0% | 7% | 23% | 3% | 11 | \$22,048 |
| 26.0603 | Ecology | 2 | 1 | 50% | 100% | 0% | 0% | 50% | 0% | 0% | 1 | \$22,000 |
| 26.0612 | Toxicology | 8 | 6 | 250% | 30% | 70% | 0% | 12% | 0% | 0% | 6 | \$23,760 |
| 26.0701 | Zoology | 18 | 2 | 11% | 50% | 50% | 0% | 33% | 55% | 0% | 0 | \$0 |
| 26.0706 | Physiology | 28 | 6 | 21% | 83% | 16% | 0% | 0% | 78% | 0% | 3 | \$25,068 |
| 26.9999 | Life Sciences, Other | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 1 | \$24,996 |
| Totals | | 488 | 215 | 44% | 71% | 27% | 0% | 6% | 48% | 6% | 120 | \$20,165 |
| Mathematics | | | | | | | | | | | | |
| 27.0101 | Mathematics | 170 | 99 | 58% | 76% | 23% | 0% | 6% | 27% | 11% | 51 | \$20,651 |
| 27.0301 | Applied Mathematics | 12 | 11 | 91% | 54% | 45% | 0% | 8% | 0% | 0% | 4 | \$27,888 |
| 27.0501 | Statistics | 7 | 6 | 85% | 83% | 16% | 0% | 0% | 0% | 14% | 4 | \$26,889 |
| 27.9999 | Math (Other) | 10 | 5 | 50% | 80% | 20% | 0% | 20% | 30% | 0% | 3 | \$28,812 |
| Totals | | 199 | 121 | 60% | 75% | 24% | 0% | 7% | 25% | 10% | 62 | \$21,915 |
| Interdisciplinary Studies | | | | | | | | | | | | |
| 30.0101 | Biological and Physical Sciences | 17 | 11 | 64% | 81% | 18% | 0% | 11% | 17% | 5% | 8 | \$19,508 |
| 30.0401 | Humanities and Social Science | 180 | 96 | 53% | 81% | 18% | 0% | 19% | 26% | 1% | 53 | \$20,359 |
| 30.9999 | Multi-Interdisciplinary Studies | 33 | 27 | 81% | 29% | 70% | 0% | 3% | 9% | 6% | 24 | \$21,328 |
| Totals | | 230 | 134 | 58% | 70% | 29% | 0% | 16% | 23% | 2% | 85 | \$20,552 |
| Parks and Recreation | | | | | | | | | | | | |
| 31.0101 | Parks and Recreation, General | 25 | 22 | 88% | 68% | 31% | 0% | 12% | 0% | 0% | 16 | \$19,275 |
| 31.0201 | Outdoor Recreation | 11 | 9 | 81% | 77% | 22% | 0% | 0% | 0% | 9% | 9 | \$26,736 |
| 31.0301 | Parks and Recreation Management | 48 | 33 | 68% | 66% | 33% | 0% | 4% | 18% | 6% | 7 | \$16,149 |
| 31.9999 | Parks and Recreation, Other | 9 | 9 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 4 | \$17,976 |
| Totals | | 93 | 73 | 78% | 68% | 31% | 0% | 5% | 9% | 4% | 36 | \$20,388 |
| Health-Related Activities | | | | | | | | | | | | |
| 34.0401 | Health Studies | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$17,004 |
| Totals | | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$17,004 |
| Leisure and Recreational Activities | | | | | | | | | | | | |
| 36.0108 | Sports/Physical Education | 16 | 12 | 75% | 75% | 25% | 0% | 0% | 12% | 31% | 2 | \$9,996 |
| Totals | | 16 | 12 | 75% | 75% | 25% | 0% | 0% | 12% | 31% | 2 | \$9,996 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|--|---------------------------------|----------------------|--------------------------|--------------------------|---------------------|------|-------|---------|-----------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | | Mich | Other | Unknown | Un- Employed | | | |
| Philosophy, Religion and Theology | | | | | | | | | | | | |
| 38.0101 | Philosophy | 35 | 16 | 45% | 62% | 37% | 0% | 5% | 40% | 8% | 12 | \$20,933 |
| 38.0201 | Religion | 11 | 4 | 36% | 50% | 50% | 0% | 9% | 45% | 0% | 1 | \$9,996 |
| 38.9999 | Philosophy and Religion Other | 6 | 6 | 100% | 0% | 100% | 0% | 0% | 16% | 0% | 0 | \$0 |
| 39.0600 | Theological Studies | 7 | 4 | 57% | 50% | 50% | 0% | 0% | 57% | 0% | 4 | \$17,004 |
| Totals | | 59 | 30 | 50% | 46% | 53% | 0% | 5% | 40% | 5% | 17 | \$19,365 |
| Physical Sciences | | | | | | | | | | | | |
| 40.0301 | Astrophysics | 8 | 5 | 62% | 40% | 60% | 0% | 12% | 25% | 0% | 1 | \$21,000 |
| 40.0501 | Chemistry | 120 | 58 | 48% | 87% | 12% | 0% | 4% | 43% | 5% | 38 | \$22,631 |
| 40.0599 | Chemistry, Other | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 40.0601 | Geology | 24 | 9 | 37% | 55% | 33% | 11% | 0% | 58% | 12% | 5 | \$15,562 |
| 40.0703 | Earth Science | 12 | 10 | 83% | 80% | 20% | 0% | 0% | 16% | 0% | 8 | \$18,129 |
| 40.0801 | Physics, General | 39 | 17 | 43% | 88% | 11% | 0% | 7% | 53% | 2% | 12 | \$24,414 |
| 40.9999 | Physical Sciences, Other | 4 | 4 | 100% | 75% | 25% | 0% | 0% | 0% | 0% | 3 | \$22,380 |
| Totals | | 208 | 103 | 49% | 81% | 17% | 0% | 4% | 44% | 4% | 67 | \$21,850 |
| Psychology | | | | | | | | | | | | |
| 42.0101 | Psychology, General | 514 | 273 | 53% | 73% | 25% | 0% | 11% | 33% | 7% | 168 | \$18,161 |
| 42.0901 | Industrial & Org. Psychology | 5 | 2 | 40% | 100% | 0% | 0% | 40% | 0% | 20% | 2 | \$21,244 |
| Totals | | 519 | 275 | 52% | 74% | 25% | 0% | 11% | 33% | 7% | 170 | \$18,185 |
| Protective Services and Public Affairs | | | | | | | | | | | | |
| 43.0101 | Correctional Administration | 207 | 123 | 59% | 44% | 10% | 44% | 24% | 0% | 17% | 39 | \$22,260 |
| 43.0103 | Criminal Justice Administration | 38 | 31 | 81% | 93% | 6% | 0% | 13% | 0% | 5% | 8 | \$21,912 |
| 43.0104 | Criminal Justice Studies | 92 | 61 | 66% | 88% | 11% | 0% | 5% | 13% | 17% | 38 | \$20,180 |
| 43.0105 | Criminal Justice Technology | 26 | 20 | 76% | 95% | 5% | 0% | 15% | 7% | 0% | 12 | \$24,576 |
| 43.0107 | Law Enforcement | 86 | 68 | 79% | 92% | 7% | 0% | 19% | 0% | 1% | 24 | \$19,872 |
| 43.0109 | Security Services | 35 | 9 | 25% | 66% | 33% | 0% | 8% | 65% | 0% | 7 | \$22,668 |
| 43.0199 | Criminal Justice, Other | 4 | 2 | 50% | 100% | 0% | 0% | 0% | 50% | 0% | 1 | \$19,500 |
| 44.0101 | Public Affairs | 18 | 13 | 72% | 100% | 0% | 0% | 27% | 0% | 0% | 9 | \$21,780 |
| 44.0201 | Community Service | 25 | 8 | 32% | 100% | 0% | 0% | 4% | 56% | 4% | 6 | \$18,864 |
| 44.0401 | Public Administration | 32 | 21 | 65% | 71% | 28% | 0% | 9% | 15% | 9% | 17 | \$20,067 |
| 44.0701 | Social Work | 202 | 121 | 59% | 90% | 7% | 2% | 10% | 23% | 6% | 62 | \$17,576 |
| Totals | | 665 | 477 | 71% | 78% | 9% | 12% | 44% | 15% | 8% | 223 | \$20,181 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|---------------------------|----------------------------------|----------------------|--------------------------|--------------------------|---------------------|-----------------|--------------|---------|---------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | | Un- Employed | in School | | | | | |
| Social Sciences | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 45.0101 | Social Science | 133 | 86 | 64% | 76% | 23% | 0% | 18% | 15% | 2% | 52 | \$22,416 |
| 45.0201 | Anthropology | 26 | 7 | 26% | 57% | 42% | 0% | 26% | 46% | 3% | 5 | \$16,547 |
| 45.0401 | Criminology | 30 | 25 | 83% | 88% | 8% | 4% | 0% | 10% | 3% | 24 | \$22,036 |
| 45.0501 | Demography | 12 | 5 | 41% | 100% | 0% | 0% | 8% | 66% | 50% | 5 | \$18,360 |
| 45.0601 | Economics | 201 | 142 | 70% | 57% | 42% | 0% | 7% | 20% | 2% | 99 | \$24,442 |
| 45.0701 | Geography | 18 | 9 | 50% | 88% | 11% | 0% | 11% | 38% | 11% | 7 | \$16,886 |
| 45.0801 | History | 193 | 101 | 52% | 59% | 40% | 0% | 7% | 30% | 11% | 59 | \$20,095 |
| 45.1001 | Political Science and Government | 238 | 111 | 46% | 53% | 46% | 0% | 7% | 40% | 10% | | \$21,670 |
| 45.1101 | Sociology | 121 | 64 | 52% | 71% | 25% | 3% | 5% | 28% | 11% | 56 | \$15,992 |
| 45.9999 | Social Sciences, Other | 10 | 3 | 30% | 33% | 66% | 0% | 0% | 70% | 0% | 1 | \$5,796 |
| | | | | | | | | | | | | |
| Totals | | 982 | 553 | 56% | 63% | 35% | 0% | 8% | 29% | 8% | 386 | \$21,203 |
| MISSING GROUP 49 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 49.0104 | Aviation Management | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$32,496 |
| | | | | | | | | | | | | |
| Totals | | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$32,496 |
| Visual and Performing Art | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 50.0301 | Dance | 3 | 1 | 33% | 100% | 0% | 0% | 0% | 33% | 33% | 0 | \$0 |
| 50.0401 | Design, General | 4 | 2 | 50% | 100% | 0% | 0% | 0% | 25% | 25% | 2 | \$15,252 |
| 50.0402 | Graphic Design | 15 | 13 | 86% | 84% | 15% | 0% | 6% | 6% | 0% | 4 | \$19,500 |
| 50.0501 | Dramatic Arts | 78 | 65 | 83% | 92% | 7% | 0% | 3% | 8% | 6% | 41 | \$18,884 |
| 50.0601 | Film Arts, General | 8 | 6 | 75% | 100% | 0% | 0% | 12% | 0% | 12% | 2 | \$15,996 |
| 50.0605 | Photography | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 50.0701 | Fine Arts, General | 135 | 79 | 58% | 69% | 29% | 1% | 15% | 17% | 8% | 46 | \$15,953 |
| 50.0703 | Art History and Appreciation | 18 | 10 | 55% | 80% | 20% | 0% | 5% | 50% | 0% | 5 | \$18,780 |
| 50.0704 | Arts Management | 2 | 2 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 2 | \$19,500 |
| 50.0799 | Fine Arts, Other | 17 | 10 | 58% | 80% | 20% | 0% | 11% | 41% | 29% | 6 | \$16,956 |
| 50.0901 | Music | 30 | 24 | 80% | 54% | 45% | 0% | 0% | 20% | 10% | 14 | \$15,311 |
| 50.0903 | Applied Music | 21 | 8 | 38% | 87% | 0% | 12% | 4% | 47% | 9% | 3 | \$18,256 |
| 50.0904 | Music Therapy | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| | | | | | | | | | | | | |
| Totals | | 334 | 222 | 66% | 77% | 21% | 0% | 8% | 20% | 8% | 125 | \$17,219 |
| | | | | | | | | | | | | |
| Grand Totals | | 14594 | 10508 | 72% | 75% | 21% | 2% | 11% | 15% | 5% | 7088 | \$22,923 |

MASTER'S GRADUATES

Table 7
Master's Degrees Conferred Compared to Graduates
Reported and Responding by Participating Institutions
for Major Curriculum Areas 1988-89

| CIP | Curriculum Area | Total * Degrees Conferred Public | Total ** Number of Grads Reported | Percent of Conferred | Total ** Number of Grads Responding | Percent of Conferred | Percent of Reported |
|-----------------|---------------------------------|---|--|----------------------------|--|----------------------------|---------------------------|
| 1 | Agribusiness | 44 | 44 | 100% | 29 | 65% | 65% |
| 2 | Agricultural Sciences | 46 | 44 | 95% | 25 | 54% | 56% |
| 3 | Renewable Natural Resources | 69 | 35 | 50% | 29 | 42% | 82% |
| 4 | Architecture | 139 | 24 | 17% | 16 | 11% | 66% |
| 5 | Area And Ethnic Studies | 63 | 0 | 0% | 2 | 3% | 0% |
| 6 | Business and Management | 3687 | 851 | 23% | 533 | 14% | 62% |
| 7 | Business and Office | 0 | 0 | 0% | 0 | 0% | 0% |
| 8 | Marketing and Distribution | 44 | 111 | >100% | 57 | >100% | 51% |
| 9 | Communications | 209 | 124 | 59% | 67 | 32% | 54% |
| 10 | Communications Technology | 0 | 10 | 0% | 3 | 0% | 30% |
| 11 | Computer Science | 241 | 84 | 34% | 50 | 20% | 59% |
| 12 | Consumer, Personal, Misc. Serv | 0 | 0 | 0% | 0 | 0% | 0% |
| 13 | Education | 3205 | 1589 | 49% | 1024 | 31% | 64% |
| 14 | Engineering | 1106 | 961 | 86% | 342 | 30% | 35% |
| 15 | Engineering Related Technology | 74 | 75 | >100% | 59 | 79% | 78% |
| 16 | Foreign Language | 51 | 25 | 49% | 14 | 27% | 56% |
| 17 | Allied Health | 103 | 29 | 28% | 19 | 18% | 65% |
| 18 | Health Sciences | 557 | 152 | 27% | 80 | 14% | 52% |
| 19 | Home Economics | 96 | 67 | 69% | 46 | 47% | 68% |
| 20 | Vocational Home Economics | 4 | 1 | 25% | 1 | 25% | 100% |
| 21 | Industrial Arts | 0 | 0 | 0% | 0 | 0% | 0% |
| 22 | Law | 39 | 20 | 51% | 3 | 7% | 15% |
| 23 | Letters | 212 | 116 | 54% | 66 | 31% | 56% |
| 24 | Liberal Studies | 8 | 0 | 0% | 1 | 12% | 0% |
| 25 | Library Sciences | 169 | 15 | 8% | 10 | 5% | 66% |
| 26 | Life Sciences | 180 | 69 | 38% | 33 | 18% | 47% |
| 27 | Mathematics | 140 | 55 | 39% | 31 | 22% | 56% |
| 30 | Interdisciplinary Studies | 18 | 9 | 50% | 7 | 38% | 77% |
| 31 | Parks and Recreation | 30 | 13 | 43% | 8 | 26% | 61% |
| 34 | Health Related Activities | 0 | 0 | 0% | 0 | 0% | 0% |
| 36 | Leisure/Recreational Activities | 0 | 0 | 0% | 0 | 0% | 0% |
| 38 | Philosophy and Religion | 71 | 16 | 22% | 7 | 9% | 43% |
| 39 | Theology | 108 | 0 | 0% | 0 | 0% | 0% |
| 40 | Physical Sciences | 196 | 90 | 45% | 41 | 20% | 45% |
| 41 | Science Technology | 0 | 0 | 0% | 0 | 0% | 0% |
| 42 | Psychology | 242 | 118 | 48% | 71 | 29% | 60% |
| 43 | Protective Services | 27 | 34 | >100% | 28 | >100% | 82% |
| 44 | Public Affairs | 859 | 278 | 32% | 149 | 17% | 53% |
| 45 | Social Sciences | 353 | 133 | 37% | 64 | 18% | 48% |
| 46 | Construction Trades | 0 | 0 | 0% | 0 | 0% | 0% |
| 47 | Mechanics and Repairers | 0 | 0 | 0% | 0 | 0% | 0% |
| 48 | Precision Production | 0 | 0 | 0% | 0 | 0% | 0% |
| 49 | Transportation and Material Mo | 0 | 0 | 0% | 0 | 0% | 0% |
| 50 | Visual and Performing Arts | 336 | 102 | 30% | 53 | 15% | 51% |
| Totals/Averages | | 12726 | 5294 | 41% | 2968 | 23% | 56% |

* Data from Michigan Department of Education

** Data from institutions responding to this survey

Table 8

Placement Results for 1988-89 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|-----------------------------|-------------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | High | Other | Unknown | Un- Employed | in School | | | |
| Agribus/AgriSci/RenewNatRes | | | | | | | | | | | | |
| 1.0103 | Agricultural Economics | 7 | 5 | 71% | 80% | 20% | 0% | 0% | 28% | 0% | 2 | \$42,900 |
| 1.9900 | Agribusiness, Other | 9 | 7 | 77% | 100% | 0% | 0% | 11% | 11% | 0% | 6 | \$25,860 |
| 1.9999 | Packaging | 13 | 11 | 84% | 81% | 18% | 0% | 0% | 15% | 0% | 4 | \$37,728 |
| 2.0201 | Animal Sciences | 8 | 3 | 37% | 66% | 33% | 0% | 0% | 62% | 0% | 2 | \$23,004 |
| 2.0301 | Food Sciences | 6 | 3 | 50% | 100% | 0% | 0% | 16% | 33% | 0% | 3 | \$29,004 |
| 2.0402 | Agronomy | 5 | 3 | 60% | 66% | 33% | 0% | 0% | 40% | 0% | 3 | \$33,000 |
| 2.0403 | Horticulture Science | 6 | 1 | 16% | 100% | 0% | 0% | 0% | 83% | 0% | 1 | \$21,504 |
| 3.0101 | Resource Development | 6 | 4 | 66% | 75% | 25% | 0% | 16% | 16% | 0% | 2 | \$28,446 |
| 3.0501 | Soil Sciences | 12 | 9 | 75% | 44% | 55% | 0% | 8% | 16% | 0% | 0 | \$0 |
| 3.0601 | Wildlife Management | 11 | 7 | 63% | 100% | 0% | 0% | 9% | 27% | 0% | 2 | \$18,900 |
| Totals | | 83 | 53 | 63% | 79% | 20% | 0% | 6% | 30% | 0% | 25 | \$29,604 |
| Architecture | | | | | | | | | | | | |
| 4.0201 | Architecture | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 2 | \$28,998 |
| 4.0301 | Land Use Analysis | 8 | 7 | 87% | 71% | 28% | 0% | 0% | 0% | 12% | 1 | \$27,504 |
| 4.0701 | Urban Design | 6 | 3 | 50% | 33% | 66% | 0% | 0% | 0% | 50% | 3 | \$33,328 |
| Totals | | 16 | 12 | 75% | 58% | 41% | 0% | 0% | 0% | 25% | 6 | \$31,164 |
| Area and Ethnic Studies | | | | | | | | | | | | |
| 5.0101 | African Studies | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 5.0103 | Asian Studies | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$29,004 |
| Totals | | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 1 | \$29,004 |
| Business/Office Marketing | | | | | | | | | | | | |
| 6.0101 | Business and Management, General | 14 | 13 | 92% | 92% | 0% | 7% | 0% | 0% | 7% | 8 | \$30,648 |
| 6.0201 | Accounting | 16 | 16 | 100% | 81% | 12% | 6% | 0% | 0% | 0% | 9 | \$26,489 |
| 6.0301 | Banking and Finance | 49 | 38 | 77% | 94% | 0% | 5% | 16% | 6% | 0% | 28 | \$35,618 |
| 6.0401 | Business Admin. and Management, Gen | 310 | 294 | 94% | 93% | 5% | 0% | 0% | 0% | 4% | 198 | \$41,586 |
| 6.0402 | Material Management and Purchasing | 7 | 6 | 85% | 100% | 0% | 0% | 14% | 0% | 0% | 6 | \$33,300 |
| 6.0601 | Human Resources Development | 10 | 8 | 80% | 87% | 12% | 0% | 20% | 0% | 0% | 7 | \$35,124 |
| 6.0701 | Institutional Management | 6 | 4 | 66% | 25% | 75% | 0% | 33% | 0% | 0% | 1 | \$24,996 |
| 6.0705 | Transportation Management | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$33,504 |
| 6.0901 | International Business Management | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$20,004 |
| 6.1101 | Labor/Industrial Relations | 46 | 38 | 82% | 76% | 23% | 0% | 8% | 6% | 2% | 27 | \$36,622 |
| 6.1302 | Operations Research | 13 | 12 | 92% | 83% | 16% | 0% | 0% | 7% | 0% | 12 | \$36,396 |
| 6.1399 | Management Science | 34 | 33 | 97% | 90% | 9% | 0% | 0% | 2% | 0% | 30 | \$44,697 |
| 6.1401 | Marketing Management | 4 | 4 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 3 | \$24,744 |
| 6.1501 | Organizational Behavior | 8 | 8 | 100% | 62% | 12% | 25% | 0% | 0% | 0% | 5 | \$33,504 |
| 6.1901 | Taxation | 7 | 7 | 100% | 85% | 0% | 14% | 0% | 0% | 0% | 3 | \$24,756 |
| 6.9999 | Business and Management, Other | 6 | 6 | 100% | 33% | 66% | 0% | 0% | 0% | 0% | 6 | \$39,856 |

Placement Results for 1988-89 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number Employed | | Percent Employed | | | Percent Un- Employed | Percent in School | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|-----------------------------------|--------------------------------------|----------------------|-----------------|--------------|------------------|------|-------|----------------------------|-------------------------|------------------|---------------------------------|-------------------------------|
| | | | Full Time | Full Time | ----- | Mich | Other | | | | | |
| Business/Office Marketing (Cont.) | | | | | | | | | | | | |
| 8.0201 | Business Marketing | 38 | 29 | 76% | 79% | 20% | 0% | 18% | 5% | 0% | 20 | \$33,852 |
| 8.0703 | Industrial Marketing | 19 | 15 | 78% | 26% | 33% | 40% | 10% | 0% | 10% | 7 | \$22,824 |
| Totals | | 590 | 534 | 90% | 87% | 10% | 2% | 4% | 1% | 3% | 373 | \$38,689 |
| Communications/Comm Technology | | | | | | | | | | | | |
| 9.0101 | Communications | 26 | 20 | 76% | 70% | 30% | 0% | 0% | 11% | 11% | 10 | \$38,732 |
| 9.0201 | Advertising | 20 | 19 | 95% | 68% | 31% | 0% | 5% | 0% | 0% | 11 | \$30,772 |
| 9.0401 | Journalism (Mass Communication) | 7 | 7 | 100% | 71% | 28% | 0% | 0% | 0% | 0% | 5 | \$26,604 |
| 9.0501 | Public Relations | 5 | 4 | 80% | 100% | 0% | 0% | 20% | 0% | 0% | 2 | \$34,248 |
| 9.0701 | Telecommunications | 9 | 5 | 55% | 80% | 20% | 0% | 33% | 11% | 0% | 4 | \$25,752 |
| 10.0199 | Communication Technology, Other | 3 | 3 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 70 | 58 | 82% | 72% | 27% | 0% | 7% | 5% | 4% | 32 | \$32,205 |
| Computer Science | | | | | | | | | | | | |
| 11.0101 | Computer and Information Science | 35 | 17 | 48% | 82% | 17% | 0% | 14% | 11% | 31% | 10 | \$37,766 |
| 11.0401 | Information Sciences | 14 | 11 | 78% | 90% | 0% | 9% | 7% | 7% | 0% | 9 | \$27,072 |
| 11.9999 | Computer/Information Science, Other | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 50 | 29 | 58% | 86% | 10% | 3% | 12% | 10% | 22% | 19 | \$32,701 |
| Education | | | | | | | | | | | | |
| 13.0101 | Education, General | 43 | 40 | 93% | 92% | 7% | 0% | 4% | 2% | 0% | 23 | \$30,609 |
| 13.0301 | Curriculum and Instruction | 113 | 97 | 85% | 98% | 1% | 0% | 5% | 6% | 2% | 69 | \$30,167 |
| 13.0401 | Education Administration | 141 | 130 | 92% | 96% | 1% | 1% | 2% | 3% | 2% | 108 | \$35,431 |
| 13.0405 | Elem. and Sec. Education Admin. | 11 | 10 | 90% | 100% | 0% | 0% | 0% | 0% | 9% | 0 | \$0 |
| 13.0406 | Higher Education Administration | 14 | 11 | 78% | 100% | 0% | 0% | 7% | 14% | 0% | 5 | \$21,804 |
| 13.0501 | Instructional Technology | 15 | 15 | 100% | 86% | 13% | 0% | 0% | 13% | 0% | 10 | \$33,996 |
| 13.0801 | School Psychology | 27 | 21 | 77% | 100% | 0% | 0% | 3% | 3% | 14% | 15 | \$31,992 |
| 13.0901 | Social Foundations | 13 | 11 | 84% | 90% | 0% | 9% | 0% | 7% | 7% | 9 | \$41,220 |
| 13.1001 | Special Education, General | 68 | 61 | 89% | 98% | 1% | 0% | 4% | 1% | 2% | 30 | \$29,018 |
| 13.1003 | Education of the Deaf | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$24,000 |
| 13.1005 | Educ. of Emotionally Handicapped | 16 | 14 | 87% | 100% | 0% | 0% | 0% | 0% | 6% | 13 | \$27,384 |
| 13.1006 | Education of Mentally Handicapped | 10 | 10 | 100% | 90% | 0% | 10% | 0% | 0% | 0% | 8 | \$26,388 |
| 13.1011 | Specific Learning Disabilities | 58 | 56 | 96% | 100% | 0% | 0% | 0% | 0% | 1% | 48 | \$30,516 |
| 13.1012 | Speech Correction | 16 | 13 | 81% | 92% | 0% | 7% | 0% | 0% | 18% | 9 | \$27,324 |
| 13.1101 | Student Counseling & Personnel Serv. | 102 | 88 | 86% | 93% | 5% | 1% | 4% | 2% | 4% | 63 | \$32,205 |
| 13.1202 | Elementary Education | 118 | 99 | 83% | 96% | 2% | 1% | 2% | 3% | 11% | 56 | \$29,988 |
| 13.1203 | Junior High Education | 8 | 6 | 75% | 100% | 0% | 0% | 12% | 0% | 12% | 5 | \$36,996 |
| 13.1204 | Pre-Elementary Education | 7 | 7 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$33,504 |
| 13.1205 | Secondary Education | 21 | 17 | 80% | 100% | 0% | 0% | 0% | 0% | 19% | 7 | \$31,716 |
| 13.1302 | Art Education | 8 | 7 | 87% | 100% | 0% | 0% | 0% | 0% | 12% | 7 | \$32,825 |

Placement Results for 1988-89 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|--------------------------------|--------------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | Un- Employed | in School | | | |
| Education (Cont.) | | | | | | | | | | | | |
| 13.1303 | Business Education | 7 | 5 | 71% | 80% | 0% | 20% | 14% | 14% | 0% | 2 | \$33,900 |
| 13.1305 | English Education | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0 | \$0 |
| 13.1307 | Health Education | 8 | 5 | 62% | 80% | 20% | 0% | 25% | 12% | 0% | 3 | \$21,204 |
| 13.1308 | Home Economics Education | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 13.1309 | Industrial Arts Education | 12 | 8 | 66% | 100% | 0% | 0% | 8% | 25% | 0% | 5 | \$31,759 |
| 13.1311 | Mathematics Education | 10 | 10 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 8 | \$42,756 |
| 13.1312 | Music Education | 5 | 3 | 60% | 100% | 0% | 0% | 40% | 0% | 0% | 1 | \$27,000 |
| 13.1314 | Physical Education | 27 | 21 | 77% | 85% | 14% | 0% | 7% | 7% | 7% | 16 | \$25,048 |
| 13.1315 | Reading Education | 103 | 88 | 85% | 97% | 2% | 0% | 2% | 0% | 10% | 53 | \$27,591 |
| 13.1316 | Science Education | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$44,232 |
| 13.1319 | Technical Education | 28 | 28 | 100% | 92% | 7% | 0% | 0% | 3% | 0% | 2 | \$24,732 |
| 13.1401 | Teaching English/2nd Language | 8 | 4 | 50% | 75% | 0% | 25% | 12% | 12% | 25% | 3 | \$22,164 |
| Totals | | 1024 | 891 | 87% | 96% | 2% | 1% | 3% | 3% | 5% | 583 | \$31,257 |
| Engineering/Related Technology | | | | | | | | | | | | |
| 14.0201 | Aerospace/Aeronautical/Astronautical | 26 | 17 | 65% | 35% | 64% | 0% | 24% | 3% | 0% | 11 | \$34,536 |
| 14.0301 | Agricultural Engineering | 12 | 9 | 75% | 100% | 0% | 0% | 0% | 25% | 0% | 3 | \$28,956 |
| 14.0501 | Biomedical & Bioengineering | 2 | 0 | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0 | \$0 |
| 14.0701 | Chemical Engineering | 28 | 18 | 64% | 88% | 11% | 1% | 3% | 28% | 10% | 14 | \$36,162 |
| 14.0801 | Civil Engineering | 54 | 40 | 74% | 67% | 32% | 0% | 7% | 16% | 5% | 19 | \$30,813 |
| 14.0901 | Computer Engineering | 46 | 31 | 67% | 64% | 35% | 0% | 13% | 26% | 2% | 26 | \$37,517 |
| 14.1001 | Electrical/Electronics/Comm. | 59 | 37 | 62% | 59% | 40% | 0% | 3% | 23% | 10% | 25 | \$36,477 |
| 14.1101 | Mechanics Engineering | 7 | 5 | 71% | 80% | 20% | 0% | 0% | 28% | 0% | 4 | \$37,626 |
| 14.1501 | Geological Engineering | 2 | 2 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 2 | \$30,720 |
| 14.1701 | Industrial Engineering | 12 | 10 | 83% | 60% | 40% | 0% | 16% | 0% | 0% | 10 | \$35,237 |
| 14.1801 | Materials Engineering | 2 | 0 | 0% | 0% | 0% | 0% | 50% | 50% | 0% | 0 | \$0 |
| 14.1901 | Mechanical Engineering | 81 | 68 | 83% | 66% | 33% | 0% | 9% | 11% | 1% | 59 | \$35,271 |
| 14.2001 | Metallurgical Engineering | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$33,000 |
| 14.2301 | Nuclear Engineering | 1 | 1 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 1 | \$34,080 |
| 14.2701 | Systems Science | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 14.9999 | Engineering, Other | 8 | 6 | 75% | 83% | 16% | 0% | 25% | 0% | 0% | 2 | \$37,038 |
| 15.0603 | Industrial Technology | 40 | 36 | 90% | 91% | 2% | 5% | 7% | 5% | 0% | 25 | \$37,908 |
| 15.9999 | Engineering Technology, Other | 19 | 17 | 89% | 94% | 5% | 0% | 5% | 0% | 5% | 13 | \$33,816 |
| Totals | | 401 | 299 | 74% | 70% | 28% | 1% | 9% | 15% | 3% | 215 | \$35,440 |
| Foreign Language | | | | | | | | | | | | |
| 16.0101 | Foreign Languages, Multiple Emphasis | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 1 | \$26,004 |
| 16.0501 | German | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 50% | 0% | 1 | \$25,992 |
| 16.0901 | French | 3 | 2 | 66% | 100% | 0% | 0% | 0% | 33% | 0% | 1 | \$38,004 |
| 16.0905 | Spanish | 7 | 4 | 57% | 100% | 0% | 0% | 0% | 42% | 0% | 1 | \$26,004 |
| Totals | | 14 | 9 | 64% | 88% | 11% | 0% | 0% | 35% | 0% | 4 | \$29,001 |

Placement Results for 1988-89 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|---------------------------|------------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | Mich | Other | Unknown | Un- Employed | in School | | | |
| Health Science | | | | | | | | | | | | |
| 17.0209 | Radiograph Medical Technology | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$26,004 |
| 17.0310 | Medical Technology | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$33,000 |
| 17.0400 | Rehabilitation Counseling | 9 | 9 | 100% | 88% | 11% | 0% | 0% | 0% | 0% | 7 | \$25,020 |
| 17.0599 | Allied Health Services | 3 | 3 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 3 | \$33,252 |
| 17.0806 | Music Therapy | 3 | 3 | 100% | 33% | 66% | 0% | 0% | 0% | 0% | 2 | \$21,888 |
| 17.0807 | Occupational Therapy | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$33,252 |
| 18.0101 | Audiology and Speech Pathology | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$29,604 |
| 18.0199 | Audiology/Speech Pathology (Other) | 4 | 3 | 75% | 100% | 0% | 0% | 0% | 25% | 0% | 2 | \$22,752 |
| 18.0299 | Basic Clinical Health Sciences | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$29,004 |
| 18.0601 | Epidemiology | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$34,992 |
| 18.0701 | Health Care Administration | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 18.0799 | Health Science Administration | 11 | 9 | 81% | 100% | 0% | 0% | 0% | 0% | 18% | 4 | \$30,000 |
| 18.1101 | Nursing, General | 44 | 36 | 81% | 77% | 22% | 0% | 6% | 11% | 11% | 25 | \$32,307 |
| 18.1102 | Anesthetist | 8 | 7 | 87% | 100% | 0% | 0% | 12% | 0% | 0% | 4 | \$52,125 |
| 18.1401 | Pharmacy | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$44,496 |
| 18.2401 | Veterinary Medicine | 5 | 2 | 40% | 50% | 50% | 0% | 20% | 40% | 0% | 0 | \$0 |
| Totals | | 99 | 84 | 84% | 84% | 15% | 0% | 5% | 8% | 7% | 56 | \$32,229 |
| Home Economics/Vocational | | | | | | | | | | | | |
| 19.0101 | Home Economics | 17 | 13 | 76% | 76% | 23% | 0% | 0% | 0% | 23% | 12 | \$34,020 |
| 19.0301 | Family and Community Services | 6 | 5 | 83% | 20% | 80% | 0% | 0% | 16% | 0% | 0 | \$0 |
| 19.0403 | Family Economics | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$32,004 |
| 19.0501 | Food Science and Human Nutrition | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$15,996 |
| 19.0503 | Dietetics/Human Nutrition Services | 3 | 2 | 66% | 100% | 0% | 0% | 0% | 33% | 0% | 1 | \$21,996 |
| 19.0701 | Individual and Family Development | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$32,004 |
| 19.0704 | Family Relations | 6 | 2 | 33% | 100% | 0% | 0% | 33% | 33% | 0% | 1 | \$29,004 |
| 19.0754 | Geriatric Services | 5 | 5 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 3 | \$23,508 |
| 19.0801 | International/Comp. Home Economics | 4 | 1 | 25% | 100% | 0% | 0% | 0% | 25% | 50% | 0 | \$0 |
| 19.0901 | Textiles and Clothing | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$15,996 |
| 19.0903 | Textiles and Clothing, Retail | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$33,000 |
| 20.0102 | Child Development, Care & Guidance | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 47 | 34 | 72% | 76% | 23% | 0% | 4% | 10% | 12% | 22 | \$29,944 |
| Law | | | | | | | | | | | | |
| 22.0101 | Law | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 3 | \$43,104 |
| Totals | | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 3 | \$43,104 |

Placement Results for 1988-89 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting | Average Yearly |
|-------------------------------|-----------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------|-------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | Un- Employed | in School | | | |
| Letters | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 23.0101 | English, General | 24 | 13 | 54% | 100% | 0% | 0% | 0% | 50% | 0% | 6 | \$28,268 |
| 23.0501 | Creative Writing | 7 | 4 | 57% | 100% | 0% | 0% | 0% | 42% | 0% | 2 | \$21,150 |
| 23.0601 | Linguistics (Semantics/Philology) | 8 | 6 | 75% | 83% | 16% | 0% | 0% | 25% | 0% | 0 | \$0 |
| 23.0701 | Literature, American | 3 | 1 | 33% | 0% | 100% | 0% | 0% | 66% | 0% | 0 | \$0 |
| 23.0801 | Literature, English | 17 | 8 | 47% | 100% | 0% | 0% | 11% | 11% | 29% | 7 | \$28,644 |
| 23.0901 | Rhetoric | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$20,004 |
| 23.1001 | Speech, Debate, Forensics | 6 | 5 | 83% | 100% | 0% | 0% | 0% | 16% | 16% | 5 | \$23,004 |
| ----- | | | | | | | | | | | | |
| Totals | | 66 | 38 | 57% | 94% | 5% | 0% | 3% | 33% | 9% | 21 | \$26,069 |
| Liberal Studies | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 24.0101 | Liberal/General Studies | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$45,600 |
| ----- | | | | | | | | | | | | |
| Totals | | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$45,600 |
| Library and Archival Sciences | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 25.0101 | Library and Archival Science | 9 | 8 | 88% | 100% | 0% | 0% | 0% | 11% | 11% | 6 | \$22,164 |
| 25.0401 | Library Science | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0 | \$0 |
| ----- | | | | | | | | | | | | |
| Totals | | 10 | 8 | 80% | 100% | 0% | 0% | 0% | 10% | 20% | 6 | \$22,164 |
| Life Sciences | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 26.0101 | Biology, General | 28 | 21 | 75% | 80% | 19% | 0% | 0% | 14% | 17% | 13 | \$25,818 |
| 26.0301 | Botany | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 26.0702 | Entomology | 4 | 2 | 50% | 50% | 50% | 0% | 0% | 50% | 0% | 0 | \$0 |
| ----- | | | | | | | | | | | | |
| Totals | | 33 | 23 | 69% | 78% | 21% | 0% | 0% | 21% | 15% | 13 | \$25,818 |
| Mathematics | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 27.0101 | Mathematics | 15 | 10 | 66% | 80% | 10% | 10% | 0% | 26% | 6% | 8 | \$30,078 |
| 27.0301 | Applied Mathematics | 6 | 5 | 83% | 80% | 20% | 0% | 0% | 16% | 0% | 5 | \$28,536 |
| 27.0501 | Statistics | 10 | 6 | 60% | 50% | 50% | 0% | 20% | 20% | 0% | 1 | \$39,000 |
| ----- | | | | | | | | | | | | |
| Totals | | 31 | 21 | 67% | 71% | 23% | 4% | 6% | 22% | 3% | 14 | \$30,165 |
| Interdisciplinary Studies | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 30.0701 | Women's Studies | 3 | 3 | 100% | 0% | 66% | 33% | 0% | 0% | 0% | 2 | \$32,004 |
| 30.9999 | Multi-Interdisciplinary Studies | 4 | 4 | 100% | 50% | 25% | 25% | 0% | 0% | 0% | 3 | \$20,668 |
| ----- | | | | | | | | | | | | |
| Totals | | 7 | 7 | 100% | 28% | 42% | 28% | 0% | 0% | 0% | 5 | \$25,202 |

Placement Results for 1988-89 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting | Average Yearly |
|--|---------------------------------|----------------------|--------------------------|--------------------------|---------------------|-----------------|--------------|---------|---------|------------------|---------------------|-------------------|
| | | | Employed Full Time | Employed Full Time | | Un- Employed | in School | Other | | | | |
| Parks and Recreation | | | | | | | | | | | | |
| 31.0301 | Parks and Recreation Management | 8 | 6 | 75% | 100% | 0% | 0% | 12% | 12% | 0% | 3 | \$25,332 |
| Totals | | 8 | 6 | 75% | 100% | 0% | 0% | 12% | 12% | 0% | 3 | \$25,332 |
| Philosophy, Religion and Theology | | | | | | | | | | | | |
| 38.0101 | Philosophy | 3 | 1 | 33% | 100% | 0% | 0% | 0% | 66% | 0% | 1 | \$30,000 |
| 38.0201 | Religion | 4 | 6 | 150% | 100% | 0% | 0% | 0% | 0% | 0% | 3 | \$31,668 |
| Totals | | 7 | 7 | 100% | 100% | 0% | 0% | 0% | 28% | 0% | 4 | \$31,251 |
| Physical Sciences | | | | | | | | | | | | |
| 40.0501 | Chemistry | 15 | 12 | 80% | 83% | 16% | 0% | 6% | 20% | 6% | 8 | \$32,756 |
| 40.0601 | Geology | 10 | 9 | 90% | 88% | 11% | 0% | 0% | 10% | 10% | 3 | \$36,560 |
| 40.0801 | Physics, General | 16 | 6 | 37% | 66% | 16% | 16% | 25% | 43% | 0% | 4 | \$32,832 |
| Totals | | 41 | 27 | 65% | 81% | 14% | 3% | 12% | 26% | 4% | 15 | \$33,537 |
| Psychology | | | | | | | | | | | | |
| 42.0101 | Psychology, General | 55 | 29 | 52% | 82% | 17% | 0% | 3% | 30% | 16% | 22 | \$28,386 |
| 42.0201 | Clinical Psychology | 7 | 0 | 0% | 0% | 0% | 0% | 14% | 71% | 14% | 0 | \$0 |
| 42.0601 | Counseling Psychology | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 42.0901 | Industrial & Org. Psychology | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$32,004 |
| 42.9999 | Psychology, Other | 7 | 5 | 71% | 100% | 0% | 0% | 14% | 0% | 14% | 1 | \$29,004 |
| Totals | | 71 | 35 | 49% | 85% | 14% | 0% | 5% | 32% | 15% | 24 | \$28,562 |
| Protective Services and Public Affairs | | | | | | | | | | | | |
| 43.0101 | Correctional Administration | 17 | 14 | 82% | 71% | 28% | 0% | 5% | 11% | 0% | 5 | \$36,156 |
| 43.0104 | Criminal Justice Studies | 5 | 5 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 4 | \$34,320 |
| 43.0108 | Law Enforcement Administration | 6 | 6 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 5 | \$38,088 |
| 44.0401 | Public Administration | 17 | 15 | 88% | 86% | 6% | 6% | 0% | 0% | 11% | 10 | \$32,377 |
| 44.0701 | Social Work | 132 | 114 | 86% | 95% | 4% | 0% | 6% | 11% | 6% | 90 | \$23,928 |
| Totals | | 177 | 154 | 87% | 92% | 6% | 0% | 5% | 9% | 5% | 114 | \$26,191 |
| Social Sciences | | | | | | | | | | | | |
| 45.0101 | Social Science | 3 | 3 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 1 | \$33,996 |
| 45.0201 | Anthropology | 3 | 1 | 33% | 0% | 100% | 0% | 33% | 33% | 0% | 0 | \$0 |
| 45.0401 | Criminology | 4 | 2 | 50% | 100% | 0% | 0% | 25% | 0% | 25% | 2 | \$31,500 |
| 45.0601 | Economics | 11 | 11 | 73% | 63% | 0% | 36% | 6% | 20% | 6% | 6 | \$38,950 |
| 45.0701 | Geography | 10 | 9 | 90% | 66% | 22% | 11% | 0% | 10% | 0% | 4 | \$21,528 |

Placement Results for 1988-89 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|---------------------------|----------------------------------|----------------------|--------------------------|--------------------------|---------------------|------|-------|---------|-----------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | | Mich | Other | Unknown | Un- Employed | | | |
| Social Sciences (Cont.) | | | | | | | | | | | | |
| 45.0801 | History | 14 | 8 | 57% | 87% | 12% | 0% | 7% | 14% | 14% | 5 | \$29,093 |
| 45.1001 | Political Science and Government | 7 | 3 | 42% | 66% | 33% | 0% | 0% | 57% | 0% | 2 | \$25,002 |
| 45.1101 | Sociology | 8 | 3 | 37% | 66% | 0% | 33% | 0% | 62% | 0% | 0 | \$0 |
| Totals | | 64 | 40 | 62% | 70% | 15% | 15% | 6% | 25% | 6% | 20 | \$30,614 |
| Visual and Performing Art | | | | | | | | | | | | |
| 50.0501 | Dramatic Arts | 5 | 3 | 60% | 66% | 33% | 0% | 0% | 0% | 40% | 2 | \$24,504 |
| 50.0701 | Fine Arts, General | 6 | 4 | 66% | 100% | 0% | 0% | 16% | 0% | 16% | 3 | \$23,904 |
| 50.0703 | Art History and Appreciation | 4 | 2 | 50% | 100% | 0% | 0% | 25% | 25% | 0% | 2 | \$27,504 |
| 50.0799 | Fine Arts, Other | 3 | 2 | 66% | 100% | 0% | 0% | 0% | 0% | 33% | 1 | \$35,496 |
| 50.0901 | Music | 9 | 5 | 55% | 40% | 60% | 0% | 0% | 11% | 22% | 4 | \$24,138 |
| 50.0903 | Applied Music | 26 | 13 | 50% | 92% | 7% | 0% | 15% | 23% | 11% | 8 | \$28,416 |
| Totals | | 53 | 29 | 54% | 82% | 17% | 0% | 11% | 15% | 16% | 20 | \$26,755 |
| Grand Totals | | 2968 | 2404 | 80% | 87% | 11% | 1% | 5% | 9% | 5% | 1599 | \$32,973 |

DOCTORAL GRADUATES

Table 9
Doctoral Degrees Conferred Compared to Graduates
Reported and Responding by Participating Institutions
for Major Curriculum Areas 1988-89

| CIP | Curriculum Area | Total * Degrees Conferred Public | Total ** Number of Grads Reported | Percent of Conferred | Total ** Number of Grads Responding | Percent of Conferred | Percent of Reported |
|-----------------|---------------------------------|---|--|----------------------------|--|----------------------------|---------------------------|
| 1 | Agribusiness | 13 | 13 | 100% | 8 | 61% | 61% |
| 2 | Agricultural Sciences | 34 | 33 | 97% | 18 | 52% | 54% |
| 3 | Renewable Natural Resources | 20 | 19 | 95% | 14 | 70% | 73% |
| 4 | Architecture | 14 | 0 | 0% | 0 | 0% | 0% |
| 5 | Area And Ethnic Studies | 7 | 0 | 0% | 0 | 0% | 0% |
| 6 | Business and Management | 43 | 13 | 30% | 7 | 16% | 53% |
| 7 | Business and Office | 0 | 0 | 0% | 0 | 0% | 0% |
| 8 | Marketing and Distribution | 0 | 7 | 0% | 4 | 0% | 57% |
| 9 | Communications | 12 | 5 | 41% | 5 | 41% | 100% |
| 10 | Communications Technology | 0 | 0 | 0% | 0 | 0% | 0% |
| 11 | Computer Science | 12 | 1 | 8% | 1 | 8% | 100% |
| 12 | Consumer, Personal, Misc. Serv | 0 | 0 | 0% | 0 | 0% | 0% |
| 13 | Education | 289 | 146 | 50% | 87 | 30% | 59% |
| 14 | Engineering | 198 | 206 | >100% | 67 | 33% | 32% |
| 15 | Engineering Related Technology | 0 | 0 | 0% | 0 | 0% | 0% |
| 16 | Foreign Language | 15 | 2 | 13% | 0 | 0% | 0% |
| 17 | Allied Health | 0 | 0 | 0% | 0 | 0% | 0% |
| 18 | Health Sciences | 1015 | 608 | 59% | 162 | 15% | 26% |
| 19 | Home Economics | 8 | 8 | 100% | 8 | 100% | 100% |
| 20 | Vocational Home Economics | 0 | 0 | 0% | 0 | 0% | 0% |
| 21 | Industrial Arts | 0 | 0 | 0% | 0 | 0% | 0% |
| 22 | Law | 1157 | 176 | 15% | 49 | 4% | 27% |
| 23 | Letters | 55 | 30 | 54% | 23 | 41% | 76% |
| 24 | Liberal Studies | 2 | 0 | 0% | 0 | 0% | 0% |
| 25 | Litrary Sciences | 1 | 0 | 0% | 0 | 0% | 0% |
| 26 | Life Sciences | 129 | 76 | 58% | 39 | 30% | 51% |
| 27 | Mathematics | 37 | 16 | 43% | 9 | 24% | 56% |
| 30 | Interdisciplinary Studies | 10 | 0 | 0% | 0 | 0% | 0% |
| 31 | Parks and Recreation | 2 | 2 | 100% | 2 | 100% | 100% |
| 34 | Health Related Activities | 0 | 0 | 0% | 0 | 0% | 0% |
| 36 | Leisure/Recreational Activities | 0 | 0 | 0% | 0 | 0% | 0% |
| 38 | Philosophy and Religion | 12 | 1 | 8% | 0 | 0% | 0% |
| 39 | Theology | 135 | 0 | 0% | 0 | 0% | 0% |
| 40 | Physical Sciences | 140 | 80 | 57% | 48 | 34% | 60% |
| 41 | Science Technology | 0 | 0 | 0% | 0 | 0% | 0% |
| 42 | Psychology | 89 | 49 | 55% | 25 | 28% | 51% |
| 43 | Protective Services | 0 | 0 | 0% | 0 | 0% | 0% |
| 44 | Public Affairs | 3 | 0 | 0% | 0 | 0% | 0% |
| 45 | Social Sciences | 105 | 48 | 45% | 22 | 20% | 45% |
| 46 | Construction Trades | 0 | 0 | 0% | 0 | 0% | 0% |
| 47 | Mechanics and Repairers | 0 | 0 | 0% | 0 | 0% | 0% |
| 48 | Precision Production | 0 | 0 | 0% | 0 | 0% | 0% |
| 49 | Transportation and Material Mo | 0 | 0 | 0% | 0 | 0% | 0% |
| 50 | Visual and Performing Arts | 34 | 3 | 8% | 6 | 17% | >100% |
| Totals/Averages | | 3591 | 1542 | 42% | 604 | 16% | 35% |

* Data from Michigan Department of Education

** Data from institutions responding to this survey

Table 10

Placement Results for 1988-89 Doctoral Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|---------------------------------|--------------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | Un- Employed | in School | | | |
| Agriculture/AgriSci/RenewNatRes | | | | | | | | | | | | |
| 1.0103 | Agricultural Economics | 8 | 7 | 87% | 100% | 0% | 0% | 12% | 0% | 0% | 4 | \$41,628 |
| 2.0201 | Animal Sciences | 9 | 8 | 88% | 87% | 12% | 0% | 11% | 0% | 0% | 3 | \$33,672 |
| 2.0301 | Food Sciences | 6 | 5 | 83% | 100% | 0% | 0% | 16% | 0% | 0% | 2 | \$33,000 |
| 2.0402 | Agronomy | 2 | 1 | 50% | 100% | 0% | 0% | 50% | 0% | 0% | 1 | \$24,000 |
| 2.0403 | Horticulture Science | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 3.0501 | Soil Sciences | 11 | 10 | 90% | 90% | 10% | 0% | 0% | 0% | 9% | 3 | \$31,332 |
| 3.0601 | Wildlife Management | 3 | 3 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 40 | 35 | 87% | 91% | 8% | 0% | 10% | 0% | 2% | 13 | \$34,733 |
| Business/Office Marketing | | | | | | | | | | | | |
| 6.0201 | Accounting | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$54,000 |
| 6.0301 | Banking and Finance | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$57,504 |
| 6.0401 | Business Admin. and Management, Gen | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$39,996 |
| 8.0201 | Business Marketing | 4 | 4 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 4 | \$45,252 |
| Totals | | 11 | 11 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 9 | \$49,335 |
| Communications/Comm Technology | | | | | | | | | | | | |
| 9.0101 | Communications | 3 | 3 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 9.9999 | Communications, Other | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$33,504 |
| Totals | | 5 | 5 | 100% | 80% | 20% | 0% | 0% | 0% | 0% | 2 | \$33,504 |
| Computer Science | | | | | | | | | | | | |
| 11.0101 | Computer and Information Science | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Education | | | | | | | | | | | | |
| 13.0301 | Curriculum and Instruction | 22 | 19 | 86% | 94% | 5% | 0% | 4% | 0% | 9% | 17 | \$41,029 |
| 13.0401 | Education Administration | 35 | 33 | 94% | 100% | 0% | 0% | 2% | 0% | 2% | 29 | \$45,496 |
| 13.0406 | Higher Education Administration | 4 | 4 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 3 | \$42,996 |
| 13.0501 | Instructional Technology | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$21,000 |
| 13.0604 | Educational Testing and Evaluation | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$29,004 |
| 13.0801 | School Psychology | 13 | 9 | 69% | 100% | 0% | 0% | 7% | 7% | 15% | 5 | \$27,595 |
| 13.1001 | Special Education, General | 3 | 2 | 66% | 100% | 0% | 0% | 0% | 0% | 33% | 1 | \$42,996 |
| 13.1101 | Student Counseling & Personnel Serv. | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 2 | \$34,500 |
| 13.1309 | Industrial Arts Education | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$40,500 |
| 13.1312 | Music Education | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 13.1314 | Physical Education | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$27,000 |
| Totals | | 87 | 77 | 88% | 97% | 2% | 0% | 3% | 1% | 6% | 62 | \$41,191 |

Placement Results for 1988-89 Doctoral Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting | Average Yearly |
|--------------------------------|--------------------------------------|----------------------|----------|----------|---------------------|-------|---------|----------|---------|------------------|---------------------|-------------------|
| | | | Employed | Employed | ----- | | Un- | in | | | | |
| | | | Full | Full | Mich | Other | Unknown | Employer | School | | | |
| Engineering/Related Technology | | | | | | | | | | | | |
| 14.0101 | Engineering, General | 4 | 3 | 75% | 100% | 0% | 0% | 0% | 0% | 25% | 0 | \$0 |
| 14.0201 | Aerospace/Aeronautical/Astronautical | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 1 | \$45,000 |
| 14.0301 | Agricultural Engineering | 6 | 5 | 83% | 100% | 0% | 0% | 16% | 0% | 0% | 2 | \$45,000 |
| 14.0701 | Chemical Engineering | 9 | 8 | 88% | 62% | 37% | 0% | 0% | 11% | 0% | 5 | \$44,040 |
| 14.0801 | Civil Engineering | 9 | 8 | 88% | 75% | 25% | 0% | 11% | 11% | 0% | 3 | \$41,000 |
| 14.0901 | Computer Engineering | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$51,600 |
| 14.1001 | Electrical/Electronics/Comm. | 4 | 1 | 25% | 0% | 100% | 0% | 75% | 0% | 0% | 0 | \$0 |
| 14.1101 | Mechanics Engineering | 3 | 1 | 33% | 0% | 100% | 0% | 33% | 33% | 0% | 0 | \$0 |
| 14.1701 | Industrial Engineering | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$42,000 |
| 14.1901 | Mechanical Engineering | 21 | 16 | 76% | 87% | 12% | 0% | 19% | 9% | 0% | 10 | \$45,679 |
| 14.2001 | Metallurgical Engineering | 3 | 3 | 100% | 33% | 66% | 0% | 0% | 0% | 0% | 3 | \$49,080 |
| 14.2201 | Naval Architecture/Marine Engineer | 1 | 0 | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0 | \$0 |
| 14.2301 | Nuclear Engineering | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 14.9999 | Engineering, Other | 3 | 1 | 33% | 100% | 0% | 0% | 33% | 33% | 0% | 1 | \$47,628 |
| Totals | | 67 | 49 | 73% | 71% | 28% | 0% | 17% | 8% | 2% | 27 | \$45,313 |
| Health Science | | | | | | | | | | | | |
| 18.0199 | Audiology/Speech Pathology (Other) | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$45,000 |
| 18.1001 | Human Medicine | 67 | 65 | 97% | 72% | 27% | 0% | 0% | 2% | 0% | 37 | \$24,720 |
| 18.1018 | Pathology | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$25,004 |
| 18.1099 | Other Medicine | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$36,000 |
| 18.1101 | Nursing, General | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 18.1201 | Optometry | 21 | 20 | 95% | 70% | 30% | 0% | 4% | 0% | 0% | 11 | \$35,712 |
| 18.1301 | Osteopathic Medicine | 41 | 40 | 97% | 95% | 5% | 0% | 2% | 0% | 0% | 0 | \$0 |
| 18.2401 | Veterinary Medicine | 28 | 23 | 82% | 52% | 47% | 0% | 14% | 3% | 0% | 19 | \$25,812 |
| Totals | | 162 | 153 | 94% | 75% | 24% | 0% | 3% | 1% | 0% | 71 | \$27,463 |
| Home Economics/Vocational | | | | | | | | | | | | |
| 19.0503 | Dietetics/Human Nutrition Services | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 19.0701 | Individual and Family Development | 7 | 7 | 100% | 71% | 28% | 0% | 0% | 0% | 0% | 5 | \$33,396 |
| Totals | | 8 | 7 | 87% | 71% | 28% | 0% | 0% | 12% | 0% | 5 | \$33,396 |
| Law | | | | | | | | | | | | |
| 22.0101 | Law | 49 | 47 | 95% | 100% | 0% | 0% | 4% | 12% | 0% | 37 | \$34,596 |
| Totals | | 49 | 47 | 95% | 100% | 0% | 0% | 4% | 12% | 0% | 37 | \$34,596 |

**Placement Results for 1988-89 Doctoral Graduates of Selected Michigan
Colleges and Universities by Curriculum Areas for All Groups**

| CIP No. | Curriculum Area | Number Responding | Number Percent | | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|----------------------|-------------------------------------|----------------------|--------------------------|--------------------------|-----------------------------|------|----|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- MICH Other Unknown | | | Un- Employed | in School | | | |
| Letters | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 23.0101 | English, General | 16 | 16 | 100% | 93% | 6% | 0% | 0% | 0% | 0% | 7 | \$28,296 |
| 23.0601 | Linguistics (Semantics/Philology) | 4 | 4 | 100% | 75% | 25% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 23.0801 | Literature, English | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 2 | \$31,596 |
| 23.1001 | Speech, Debate, Forensics | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$30,000 |
| <hr/> | | | | | | | | | | | | |
| Totals | | 23 | 23 | 100% | 86% | 13% | 0% | 0% | 0% | 0% | 10 | \$29,126 |
| Life Sciences | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 26.0101 | Biology, General | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 26.0201 | Biochemistry and Biophysics | 9 | 8 | 88% | 75% | 25% | 0% | 0% | 11% | 0% | 1 | \$21,504 |
| 26.0301 | Botany | 5 | 4 | 80% | 75% | 25% | 0% | 0% | 20% | 0% | 0 | \$0 |
| 26.0501 | Microbiology | 7 | 6 | 85% | 83% | 16% | 0% | 0% | 14% | 0% | 0 | \$0 |
| 26.0608 | Neurosciences | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 26.0612 | Toxicology | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 26.0701 | Zoology | 5 | 3 | 60% | 100% | 0% | 0% | 0% | 40% | 0% | 0 | \$0 |
| 26.0702 | Entomology | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 26.0703 | Genetics, Human and Animal | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 26.0704 | Pathology, Human and Animal | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$42,996 |
| 26.0705 | Pharmacology, Human and Animal | 4 | 3 | 75% | 66% | 33% | 0% | 0% | 25% | 0% | 0 | \$0 |
| <hr/> | | | | | | | | | | | | |
| Totals | | 39 | 33 | 84% | 81% | 18% | 0% | 0% | 15% | 0% | 2 | \$32,250 |
| Mathematics | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 27.0101 | Mathematics | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 27.0301 | Applied Mathematics | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 27.0501 | Statistics | 6 | 6 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 3 | \$31,500 |
| <hr/> | | | | | | | | | | | | |
| Totals | | 9 | 9 | 100% | 88% | 11% | 0% | 0% | 0% | 0% | 3 | \$31,500 |
| Parks and Recreation | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 31.0301 | Parks and Recreation Management | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 1 | \$39,996 |
| <hr/> | | | | | | | | | | | | |
| Totals | | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 1 | \$39,996 |
| Physical Sciences | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 40.0401 | Atmospheric Science and Meteorology | 2 | 2 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$51,996 |
| 40.0501 | Chemistry | 35 | 33 | 94% | 84% | 15% | 0% | 0% | 5% | 0% | 16 | \$36,118 |
| 40.0601 | Geology | 6 | 6 | 100% | 16% | 83% | 0% | 0% | 0% | 0% | 1 | \$24,996 |
| 40.0801 | Physics, General | 5 | 5 | 100% | 40% | 60% | 0% | 0% | 0% | 0% | 3 | \$35,500 |
| <hr/> | | | | | | | | | | | | |
| Totals | | 48 | 46 | 95% | 67% | 32% | 0% | 0% | 4% | 0% | 21 | \$36,257 |

Placement Results for 1988-89 Doctoral Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|---------------------------|----------------------------------|----------------------|--------------------------|--------------------------|---------------------|-----|----|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- | | | Un- Employed | in School | | | |
| Psychology | | | | | | | | | | | | |
| 42.0101 | Psychology, General | 16 | 15 | 93% | 86% | 13% | 0% | 6% | 0% | 0% | 10 | \$33,758 |
| 42.0201 | Clinical Psychology | 6 | 6 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$38,500 |
| 42.0601 | Counseling Psychology | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$30,996 |
| Totals | | 25 | 24 | 96% | 91% | 8% | 0% | 4% | 0% | 0% | 14 | \$34,041 |
| Social Sciences | | | | | | | | | | | | |
| 45.0101 | Social Science | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$47,004 |
| 45.0201 | Anthropology | 3 | 2 | 66% | 100% | 0% | 0% | 33% | 0% | 0% | 2 | \$26,652 |
| 45.0601 | Economics | 3 | 3 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 2 | \$33,498 |
| 45.0701 | Geography | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$39,996 |
| 45.0801 | History | 3 | 3 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 2 | \$28,998 |
| 45.1001 | Political Science and Government | 6 | 6 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 3 | \$24,996 |
| 45.1101 | Sociology | 3 | 2 | 66% | 100% | 0% | 0% | 33% | 0% | 0% | 2 | \$26,244 |
| Totals | | 22 | 20 | 90% | 90% | 10% | 0% | 9% | 0% | 0% | 13 | \$30,213 |
| Visual and Performing Art | | | | | | | | | | | | |
| 50.0501 | Dramatic Arts | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 2 | \$22,998 |
| 50.0901 | Music, General | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$23,004 |
| 50.0903 | Applied Music | 3 | 3 | 100% | 33% | 66% | 0% | 0% | 0% | 0% | 2 | \$29,502 |
| Totals | | 6 | 6 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 5 | \$25,601 |
| Grand Totals | | 766 | 701 | 91% | 81% | 18% | 0% | 4% | 3% | 1% | 366 | \$33,704 |

MINORITY BACHELOR GRADUATES

Table 11
Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Minorities

| CIP No. | Curriculum Area | Number Responding | Number Percent Employed | | Employment Location | | | Percent | Percent | Percent Other | Number Reporting | Average Yearly |
|--------------------------------|-------------------------------------|----------------------|----------------------------|--------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------|-------------------|
| | | | Full Time | Full Time | Mich | Other | Unknown | Un- Employed | in School | | | |
| Agribus/AgriSci/RenewNatRes | | | | | | | | | | | | |
| 1.0103 | Agricultural Economics | 17 | 15 | 88% | 86% | 13% | 0% | 11% | 0% | 0% | 12 | \$20,220 |
| 1.9900 | Agribusiness, Other | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$22,596 |
| 1.9999 | Packaging | 8 | 5 | 62% | 80% | 20% | 0% | 25% | 12% | 0% | 4 | \$30,700 |
| 2.0301 | Food Sciences | 2 | 1 | 50% | 100% | 0% | 0% | 50% | 0% | 0% | 1 | \$24,096 |
| Totals | | 30 | 24 | 80% | 87% | 12% | 0% | 16% | 3% | 0% | 19 | \$22,796 |
| Architecture | | | | | | | | | | | | |
| 4.0301 | Land Use Analysis | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 4.0501 | Interior Design | 2 | 1 | 50% | 100% | 0% | 0% | 50% | 0% | 0% | 1 | \$20,004 |
| 4.0601 | Landscape Architecture | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| Totals | | 4 | 2 | 50% | 100% | 0% | 0% | 25% | 25% | 0% | 1 | \$20,004 |
| Business/Office Marketing | | | | | | | | | | | | |
| 6.0201 | Accounting | 21 | 16 | 76% | 81% | 18% | 0% | 4% | 4% | 9% | 12 | \$25,400 |
| 6.0301 | Banking and Finance | 5 | 2 | 40% | 100% | 0% | 0% | 60% | 0% | 0% | 1 | \$17,496 |
| 6.0401 | Business Admin. and Management, Gen | 19 | 14 | 73% | 57% | 28% | 14% | 5% | 15% | 5% | 9 | \$21,333 |
| 6.0402 | Material Management and Purchasing | 6 | 5 | 83% | 80% | 20% | 0% | 16% | 0% | 0% | 5 | \$27,660 |
| 6.0501 | Business Economics | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$26,004 |
| 6.0701 | Institutional Management | 4 | 3 | 75% | 66% | 33% | 0% | 0% | 25% | 0% | 3 | \$17,040 |
| 6.1201 | Management Information Systems | 3 | 2 | 66% | 0% | 100% | 0% | 33% | 0% | 0% | 1 | \$26,304 |
| 6.1302 | Operations Research | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 3 | \$28,200 |
| 6.1401 | Marketing Management | 13 | 7 | 53% | 100% | 0% | 0% | 15% | 15% | 7% | 6 | \$17,936 |
| 6.1601 | Personnel Management | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$23,004 |
| 6.2001 | Trade and Industrial Management | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$21,000 |
| 7.0401 | Office Supervision and Management | 3 | 1 | 33% | 0% | 100% | 0% | 66% | 0% | 0% | 1 | \$17,496 |
| 7.0604 | Legal Secretarial | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 7.0608 | Word Processing | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$15,372 |
| 8.0102 | Fashion Merchandising | 2 | 0 | 0% | 0% | 0% | 0% | 50% | 0% | 50% | 0 | \$0 |
| 8.0201 | Business Marketing | 5 | 5 | 100% | 80% | 20% | 0% | 0% | 0% | 0% | 5 | \$24,696 |
| 8.0703 | Industrial Marketing | 5 | 4 | 80% | 50% | 25% | 25% | 0% | 0% | 20% | 2 | \$17,850 |
| 8.0999 | Hospitality and Recreation, Other | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 2 | \$19,248 |
| Totals | | 96 | 69 | 71% | 71% | 24% | 4% | 12% | 7% | 6% | 54 | \$22,644 |
| Communications/Comm Technology | | | | | | | | | | | | |
| 9.0101 | Communications | 13 | 9 | 69% | 77% | 22% | 0% | 23% | 7% | 0% | 5 | \$21,816 |
| 9.0201 | Advertising | 8 | 6 | 75% | 83% | 16% | 0% | 12% | 12% | 0% | 4 | \$20,628 |
| 9.0401 | Journalism (Mass Communication) | 3 | 2 | 66% | 100% | 0% | 0% | 33% | 0% | 0% | 1 | \$16,500 |
| 9.0701 | Telecommunications | 7 | 3 | 42% | 100% | 0% | 0% | 28% | 28% | 0% | 2 | \$20,004 |
| 10.0104 | Radio/TV Production | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 50% | 0% | 1 | \$12,996 |
| 10.0199 | Communication Technology, Other | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 2 | \$19,752 |
| Totals | | 35 | 23 | 65% | 82% | 17% | 0% | 20% | 14% | 0% | 15 | \$20,040 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Minorities

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|--------------------------------|--------------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|----------|---------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- | Un- | in | | | | | |
| | | | Time | Time | Mich | Other | Unknown | Employed | School | | | |
| Computer Science | | | | | | | | | | | | |
| 11.0101 | Computer and Information Science | 5 | 5 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 4 | \$23,949 |
| 11.0301 | Data Processing | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 0% | 50% | 1 | \$20,004 |
| 11.0401 | Information Sciences | 11 | 7 | 63% | 71% | 14% | 14% | 18% | 9% | 9% | 5 | \$23,765 |
| 11.0501 | Systems Analysis | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 50% | 0% | 1 | \$15,000 |
| Totals | | 20 | 14 | 70% | 85% | 7% | 7% | 10% | 10% | 10% | 11 | \$22,693 |
| Education | | | | | | | | | | | | |
| 13.0401 | Education Administration | 6 | 3 | 50% | 66% | 33% | 0% | 0% | 33% | 16% | 2 | \$35,500 |
| 13.0405 | Elem. and Sec. Education Admin. | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 13.0801 | School Psychology | 3 | 2 | 66% | 100% | 0% | 0% | 0% | 0% | 33% | 2 | \$25,100 |
| 13.1001 | Special Education, General | 7 | 7 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 6 | \$20,724 |
| 13.1005 | Educ. of Emotionally Handicapped | 5 | 4 | 80% | 100% | 0% | 0% | 0% | 20% | 0% | 2 | \$20,400 |
| 13.1006 | Education of Mentally Handicapped | 3 | 3 | 100% | 33% | 33% | 33% | 0% | 0% | 0% | 1 | \$21,804 |
| 13.1008 | Education, Physically Handicapped | 3 | 2 | 66% | 100% | 0% | 0% | 0% | 0% | 33% | 1 | \$23,004 |
| 13.1011 | Specific Learning Disabilities | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$36,000 |
| 13.1012 | Speech Correction | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$30,000 |
| 13.1101 | Student Counseling & Personnel Serv. | 1 | 0 | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0 | \$0 |
| 13.1202 | Elementary Education | 38 | 23 | 60% | 95% | 0% | 4% | 21% | 10% | 7% | 11 | \$22,023 |
| 13.1204 | Pre-Elementary Education | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 13.1302 | Art Education | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 0% | 50% | 1 | \$30,000 |
| 13.1303 | Business Education | 3 | 3 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 3 | \$21,669 |
| 13.1305 | English Education | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$21,996 |
| 13.1307 | Health Education | 1 | 0 | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0 | \$0 |
| 13.1309 | Industrial Arts Education | 1 | 0 | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0 | \$0 |
| 13.1310 | Marketing & Distributive Education | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 13.1311 | Mathematics Education | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 0% | 50% | 1 | \$19,200 |
| 13.1312 | Music Education | 5 | 4 | 80% | 100% | 0% | 0% | 0% | 20% | 0% | 0 | \$0 |
| 13.1314 | Physical Education | 9 | 7 | 77% | 100% | 0% | 0% | 11% | 11% | 11% | 4 | \$19,878 |
| 13.1315 | Reading Education | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$31,500 |
| 13.1316 | Science Education | 6 | 2 | 33% | 100% | 0% | 0% | 0% | 66% | 0% | 2 | \$22,700 |
| 13.1317 | Social Science Education | 4 | 4 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 3 | \$22,332 |
| 13.1399 | Teacher Education/Specific Subject | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$17,496 |
| 13.1401 | Teaching English/2nd Language | 2 | 2 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 110 | 76 | 69% | 88% | 6% | 5% | 10% | 13% | 8% | 44 | \$23,103 |
| Engineering/Related Technology | | | | | | | | | | | | |
| 14.0101 | Engineering, General | 5 | 5 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 5 | \$30,924 |
| 14.0301 | Agricultural Engineering | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 14.0701 | Chemical Engineering | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 14.0801 | Civil Engineering | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 50% | 0% | 1 | \$32,724 |
| 14.0901 | Computer Engineering | 4 | 3 | 75% | 66% | 33% | 0% | 25% | 0% | 0% | 2 | \$32,568 |
| 14.1001 | Electrical/Electronics/Comm. | 8 | 6 | 75% | 66% | 33% | 0% | 12% | 12% | 0% | 4 | \$31,692 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Minorities

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|--|------------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | Un- Employed | in School | | | |
| Engineering/Related Technology (Cont.) | | | | | | | | | | | | |
| 14.1801 | Materials Engineering | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$21,000 |
| 14.1901 | Mechanical Engineering | 8 | 8 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 7 | \$31,752 |
| 14.2701 | Systems Science | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$28,668 |
| 15.0101 | Architectural Design Technology | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 15.0399 | Electrical/Electronic Techn, Other | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 15.0603 | Industrial Technology | 12 | 10 | 83% | 50% | 40% | 10% | 0% | 8% | 0% | 6 | \$29,767 |
| 15.0604 | Manufacturing Technology | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$42,498 |
| 15.0607 | Plastic Technology | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0 | \$0 |
| 15.0699 | Industrial Production, Other | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$15,996 |
| 15.0805 | Mechanical Design Technology | 3 | 2 | 66% | 100% | 0% | 0% | 0% | 33% | 0% | 1 | \$17,472 |
| Totals | | 54 | 43 | 79% | 81% | 16% | 2% | 3% | 12% | 1% | 32 | \$30,132 |
| Foreign Language | | | | | | | | | | | | |
| 16.0402 | Russian | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$28,200 |
| 16.0903 | Latin | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 16.0905 | Spanish | 6 | 3 | 50% | 66% | 33% | 0% | 0% | 16% | 33% | 3 | \$24,004 |
| 16.9999 | Language and International Trade | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 0% | 2 | \$19,002 |
| Totals | | 10 | 7 | 70% | 57% | 42% | 0% | 0% | 10% | 20% | 6 | \$23,036 |
| Health Science | | | | | | | | | | | | |
| 17.0310 | Medical Technology | 4 | 4 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 17.0807 | Occupational Therapy | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 1 | \$30,000 |
| 17.9999 | Allied Health (Other) | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 18.0701 | Health Care Administration | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$24,000 |
| 18.1101 | Nursing, General | 13 | 10 | 76% | 100% | 0% | 0% | 7% | 7% | 7% | 8 | \$26,650 |
| 18.1301 | Osteopathic Medicine | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| Totals | | 22 | 18 | 81% | 94% | 5% | 0% | 4% | 9% | 4% | 11 | \$26,473 |
| Home Economics/Vocational | | | | | | | | | | | | |
| 19.0101 | Home Economics | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 50% | 0% | 1 | \$0 |
| 19.0301 | Family and Community Services | 1 | 0 | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0 | \$0 |
| 19.0503 | Dietetics/Human Nutrition Services | 3 | 3 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 1 | \$24,996 |
| 19.0701 | Individual and Family Development | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 19.0901 | Textiles and Clothing | 3 | 1 | 33% | 0% | 100% | 0% | 66% | 0% | 0% | 0 | \$0 |
| 19.0903 | Textiles and Clothing, Retail | 7 | 7 | 100% | 85% | 14% | 0% | 0% | 0% | 0% | 7 | \$20,016 |
| 20.0102 | Child Development, Care & Guidance | 7 | 4 | 57% | 100% | 0% | 0% | 28% | 14% | 0% | 3 | \$16,464 |
| Totals | | 24 | 16 | 66% | 81% | 18% | 0% | 20% | 12% | 0% | 12 | \$17,875 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Minorities

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|-----------------|-----------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | Un- Employed | in School | | | |
| | | | | | | | | | | | | |
| Industrial Arts | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 21.0102 | Construction | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$25,500 |
| ----- | | | | | | | | | | | | |
| Totals | | 3 | 3 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 2 | \$25,500 |
| ----- | | | | | | | | | | | | |
| Law | | | | | | | | | | | | |
| --- | | | | | | | | | | | | |
| 22.0102 | Pre-Law | 4 | 3 | 75% | 66% | 33% | 0% | 0% | 25% | 0% | 2 | \$17,778 |
| ----- | | | | | | | | | | | | |
| Totals | | 4 | 3 | 75% | 66% | 33% | 0% | 0% | 25% | 0% | 2 | \$17,778 |
| ----- | | | | | | | | | | | | |
| Letters | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 23.0101 | English, General | 10 | 8 | 80% | 87% | 12% | 0% | 10% | 10% | 0% | 5 | \$21,168 |
| 23.0401 | Composition | 3 | 1 | 33% | 100% | 0% | 0% | 66% | 0% | 0% | 0 | \$0 |
| 23.0801 | Literature, English | 3 | 0 | 0% | 0% | 0% | 0% | 0% | 33% | 66% | 0 | \$0 |
| 23.0901 | Rhetoric | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$40,000 |
| 23.1001 | Speech, Debate, Forensics | 12 | 11 | 91% | 90% | 9% | 0% | 0% | 8% | 0% | 7 | \$22,716 |
| ----- | | | | | | | | | | | | |
| Totals | | 29 | 21 | 72% | 90% | 9% | 0% | 10% | 10% | 6% | 13 | \$23,450 |
| ----- | | | | | | | | | | | | |
| Liberal Studies | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 24.0101 | Liberal/General Studies | 4 | 1 | 25% | 0% | 100% | 0% | 25% | 75% | 0% | 1 | \$18,996 |
| ----- | | | | | | | | | | | | |
| Totals | | 4 | 1 | 25% | 0% | 100% | 0% | 25% | 75% | 0% | 1 | \$18,996 |
| ----- | | | | | | | | | | | | |
| Life Sciences | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 26.0101 | Biology, General | 10 | 5 | 50% | 80% | 0% | 20% | 10% | 40% | 0% | 2 | \$31,560 |
| 26.0201 | Biochemistry and Biophysics | 3 | 2 | 66% | 100% | 0% | 0% | 0% | 33% | 0% | 0 | \$0 |
| 26.0501 | Microbiology | 3 | 3 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 2 | \$18,498 |
| 26.0701 | Zoology | 4 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 26.0706 | Physiology | 5 | 1 | 20% | 100% | 0% | 0% | 0% | 80% | 0% | 1 | \$30,000 |
| ----- | | | | | | | | | | | | |
| Totals | | 25 | 11 | 44% | 81% | 9% | 9% | 4% | 52% | 0% | 5 | \$26,023 |
| ----- | | | | | | | | | | | | |
| Mathematics | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| 27.0101 | Mathematics | 10 | 2 | 20% | 100% | 0% | 0% | 30% | 50% | 10% | 1 | \$21,996 |
| ----- | | | | | | | | | | | | |
| Totals | | 10 | 2 | 20% | 100% | 0% | 0% | 30% | 50% | 10% | 1 | \$21,996 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Minorities

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting | Average Yearly |
|--|----------------------------------|----------------------|--------------------------|--------------------------|-----------------------------|-----------------|--------------|---------|---------|------------------|---------------------|-------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich Other Unknown | Un- Employed | in School | | | | | |
| Interdisciplinary Studies | | | | | | | | | | | | |
| 30.0401 | Humanities and Social Science | 11 | 3 | 27% | 100% | 0% | 0% | 18% | 54% | 0% | 2 | \$18,750 |
| 30.0701 | Women's Studies | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 30.9999 | Multi-Interdisciplinary Studies | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 13 | 4 | 30% | 100% | 0% | 0% | 15% | 53% | 0% | 2 | \$18,750 |
| Parks and Recreation | | | | | | | | | | | | |
| 31.0101 | Parks and Recreation, General | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Physical Sciences | | | | | | | | | | | | |
| 40.0301 | Astrophysics | 2 | 1 | 50% | 100% | 0% | 0% | 50% | 0% | 0% | 1 | \$21,000 |
| 40.0501 | Chemistry | 8 | 6 | 75% | 100% | 0% | 0% | 12% | 12% | 0% | 4 | \$26,749 |
| 40.0703 | Earth Science | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0 | \$0 |
| 40.0801 | Physics, General | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| Totals | | 12 | 7 | 58% | 100% | 0% | 0% | 16% | 16% | 8% | 5 | \$25,599 |
| Psychology | | | | | | | | | | | | |
| 42.0101 | Psychology, General | 19 | 8 | 42% | 75% | 12% | 12% | 10% | 47% | 0% | 5 | \$18,402 |
| Totals | | 19 | 8 | 42% | 75% | 12% | 12% | 10% | 47% | 0% | 5 | \$18,402 |
| Protective Services and Public Affairs | | | | | | | | | | | | |
| 43.0101 | Correctional Administration | 7 | 5 | 71% | 80% | 20% | 0% | 28% | 0% | 0% | 1 | \$21,000 |
| 43.0104 | Criminal Justice Studies | 1 | 1 | 50% | 100% | 0% | 0% | 0% | 50% | 0% | 0 | \$0 |
| 43.0105 | Criminal Justice Technology | 3 | 1 | 33% | 100% | 0% | 0% | 66% | 0% | 0% | 0 | \$0 |
| 44.0101 | Public Affairs | 3 | 4 | 66% | 100% | 0% | 0% | 33% | 0% | 0% | 4 | \$21,552 |
| 44.0401 | Public Administration | 3 | 4 | 80% | 75% | 25% | 0% | 0% | 20% | 0% | 4 | \$22,578 |
| 44.0701 | Social Work, General | 14 | 6 | 42% | 100% | 0% | 0% | 21% | 35% | 7% | 4 | \$15,450 |
| Totals | | 37 | 21 | 56% | 90% | 9% | 0% | 24% | 18% | 2% | 13 | \$19,948 |
| Social Sciences | | | | | | | | | | | | |
| 45.0101 | Social Science | 9 | 5 | 55% | 80% | 20% | 0% | 11% | 33% | 0% | 5 | \$22,032 |
| 45.0201 | Anthropology | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 45.0401 | Criminology | 7 | 7 | 100% | 85% | 14% | 0% | 0% | 0% | 0% | 6 | \$20,354 |
| 45.0601 | Economics | 3 | 3 | 100% | 66% | 33% | 0% | 0% | 0% | 0% | 2 | \$26,448 |
| 45.0801 | History | 3 | 2 | 66% | 50% | 50% | 0% | 0% | 33% | 0% | 0 | \$0 |
| 45.1001 | Political Science and Government | 5 | 2 | 40% | 50% | 50% | 0% | 20% | 60% | 0% | 1 | \$24,000 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Minorities

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|---------------------------------|------------------------|----------------------|--------------------------|--------------------------|---------------------|------|-------|---------|-----------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | | Mich | Other | Unknown | Un- Employed | | | |
| Social Sciences (Cont.) | | | | | | | | | | | | |
| 45.1101 | Sociology | 3 | 2 | 66% | 100% | 0% | 0% | 0% | 33% | 0% | 1 | \$30,000 |
| Totals | | 31 | 21 | 67% | 76% | 23% | 0% | 6% | 29% | 0% | 15 | \$22,612 |
| Trade and Industrial Technology | | | | | | | | | | | | |
| 48.0503 | Machine Tool Operation | 1 | 1 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 1 | 1 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0 | \$0 |
| Visual and Performing Art | | | | | | | | | | | | |
| 50.0501 | Dramatic Arts | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 50.0701 | Fine Arts, General | 7 | 3 | 42% | 33% | 66% | 0% | 42% | 0% | 14% | 0 | \$0 |
| 50.0901 | Music, General | 5 | 1 | 20% | 0% | 0% | 100% | 0% | 0% | 80% | 0 | \$0 |
| Totals | | 13 | 5 | 38% | 20% | 60% | 20% | 23% | 0% | 38% | 0 | \$0 |
| Grand Totals | | 609 | 403 | 66% | 81% | 14% | 3% | 12% | 16% | 5% | 269 | \$23,306 |

TEACHER CERTIFICATE GRADUATES

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Teachers

Table 22

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent Un- Employed | Percent in School | Percent Not Working in Educ. | Number Reporting Salaries | Average Yearly Salaries |
|--------------------------------|--------------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|----------------------------|-------------------------|---------------------------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | | | | | |
| Agribus/AgriSci/Rene/NatRes | | | | | | | | | | | | |
| 1.0601 | Horticulture | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| 1.9900 | Agribusiness, Other | 8 | 7 | 87% | 100% | 0% | 0% | 0% | 12% | 87% | 2 | \$23,868 |
| Totals | | 9 | 7 | 77% | 100% | 0% | 0% | 0% | 22% | 77% | 2 | \$23,868 |
| Architecture | | | | | | | | | | | | |
| 4.0301 | Land Use Analysis | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 100% | 0 | \$0 |
| Totals | | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 100% | 0 | \$0 |
| Communications/Comm Technology | | | | | | | | | | | | |
| 9.0101 | Communications | 7 | 4 | 57% | 100% | 0% | 0% | 0% | 28% | 28% | 2 | \$33,936 |
| Totals | | 7 | 4 | 57% | 100% | 0% | 0% | 0% | 28% | 28% | 2 | \$33,936 |
| Computer Science | | | | | | | | | | | | |
| 11.0101 | Computer and Information Science | 7 | 7 | 100% | 57% | 28% | 14% | 0% | 0% | 28% | 3 | \$23,700 |
| Totals | | 7 | 7 | 100% | 57% | 28% | 14% | 0% | 0% | 28% | 3 | \$23,700 |
| Education | | | | | | | | | | | | |
| 13.1001 | Special Education, General | 95 | 82 | 86% | 82% | 17% | 0% | 6% | 11% | 66% | 63 | \$18,999 |
| 13.1003 | Education of the Deaf | 8 | 6 | 75% | 100% | 0% | 0% | 0% | 0% | 25% | 4 | \$21,204 |
| 13.1005 | Educ. of Emotionally Handicapped | 61 | 54 | 88% | 79% | 16% | 3% | 1% | 4% | 42% | 33 | \$20,545 |
| 13.1006 | Education of Mentally Handicapped | 46 | 35 | 76% | 82% | 11% | 5% | 2% | 8% | 45% | 17 | \$19,720 |
| 13.1008 | Education, Physically Handicapped | 13 | 10 | 76% | 80% | 20% | 0% | 0% | 15% | 7% | 8 | \$19,740 |
| 13.1009 | Education of Visually Handicapped | 2 | 1 | 50% | 0% | 100% | 0% | 0% | 50% | 0% | 1 | \$21,504 |
| 13.1012 | Speech Correction | 15 | 12 | 80% | 100% | 0% | 0% | 0% | 6% | 20% | 10 | \$22,398 |
| 13.1101 | Student Counseling & Personnel Serv. | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 100% | 50% | 0 | \$0 |
| 13.1202 | Elementary Education | 508 | 289 | 56% | 75% | 19% | 3% | 12% | 17% | 45% | 175 | \$16,950 |
| 13.1204 | Pre-Elementary Education | 17 | 10 | 58% | 100% | 0% | 0% | 5% | 17% | 47% | 4 | \$17,016 |
| 13.1205 | Secondary Education | 46 | 32 | 69% | 46% | 53% | 0% | 0% | 13% | 19% | 32 | \$13,914 |
| 13.1301 | Agricultural Education | 2 | 1 | 50% | 100% | 0% | 0% | 50% | 0% | 50% | 1 | \$20,004 |
| 13.1302 | Art Education | 25 | 11 | 44% | 90% | 9% | 0% | 12% | 44% | 16% | 9 | \$20,637 |
| 13.1303 | Business Education | 53 | 33 | 62% | 78% | 0% | 21% | 5% | 13% | 62% | 19 | \$21,876 |
| 13.1305 | English Education | 34 | 22 | 64% | 90% | 9% | 0% | 2% | 20% | 17% | 16 | \$16,050 |
| 13.1306 | Foreign Language Education | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$21,000 |
| 13.1307 | Health Education | 25 | 19 | 76% | 78% | 5% | 15% | 8% | 4% | 68% | 7 | \$22,047 |
| 13.1308 | Home Economics Education | 10 | 4 | 40% | 50% | 25% | 25% | 40% | 20% | 20% | 3 | \$19,668 |
| 13.1309 | Industrial Arts Education | 19 | 16 | 84% | 75% | 6% | 18% | 5% | 5% | 47% | 8 | \$22,404 |
| 13.1310 | Marketing & Distributive Education | 6 | 2 | 33% | 100% | 0% | 0% | 16% | 50% | 0% | 1 | \$22,992 |
| 13.1311 | Mathematics Education | 16 | 9 | 56% | 66% | 33% | 0% | 6% | 18% | 56% | 7 | \$21,487 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Teachers

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|---------------------------|------------------------------------|----------------------|--------------|--------------|---------------------|-------|---------|----------|---------|------------------|---------------------------------|-------------------------------|
| | | | Employed | Employed | | | | Un- | in | | | |
| | | | Full Time | Full Time | Mich | Other | Unknown | Employed | School | | | |
| Education (Cont.) | | | | | | | | | | | | |
| 13.1312 | Music Education | 32 | 28 | 87% | 92% | 3% | 3% | 0% | 3% | 31% | 7 | \$20,146 |
| 13.1314 | Physical Education | 83 | 42 | 50% | 71% | 11% | 16% | 6% | 15% | 45% | 17 | \$20,577 |
| 13.1316 | Science Education | 80 | 45 | 56% | 73% | 15% | 11% | 8% | 22% | 70% | 28 | \$18,473 |
| 13.1317 | Social Science Education | 55 | 31 | 56% | 80% | 19% | 0% | 1% | 21% | 34% | 18 | \$20,729 |
| 13.1319 | Technical Education | 12 | 10 | 83% | 100% | 0% | 0% | 8% | 8% | 83% | 4 | \$23,244 |
| 13.1320 | Trade & Industrial Education | 2 | 2 | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 1 | \$21,996 |
| 13.1399 | Teacher Education/Specific Subject | 57 | 37 | 64% | 67% | 13% | 18% | 0% | 3% | 10% | 15 | \$18,594 |
| Totals | | 1325 | 845 | 63% | 77% | 16% | 6% | 7% | 15% | 39% | 509 | \$18,503 |
| Foreign Language | | | | | | | | | | | | |
| 16.0501 | German | 6 | 2 | 33% | 50% | 50% | 0% | 33% | 16% | 33% | 2 | \$19,554 |
| 16.0901 | French | 8 | 6 | 75% | 66% | 16% | 16% | 25% | 0% | 12% | 1 | \$18,000 |
| 16.0903 | Latin | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 100% | 0 | \$0 |
| 16.0905 | Spanish | 18 | 12 | 66% | 25% | 66% | 8% | 5% | 5% | 38% | 9 | \$20,292 |
| Totals | | 33 | 21 | 63% | 42% | 47% | 9% | 15% | 6% | 33% | 12 | \$19,978 |
| Health Science | | | | | | | | | | | | |
| 18.0103 | Speech Pathology/Audiology | 1 | 1 | 100% | 0% | 100% | 0% | 0% | 0% | 100% | 0 | \$0 |
| 18.0199 | Audiology/Speech Pathology (Other) | 3 | 0 | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0 | \$0 |
| Totals | | 4 | 1 | 25% | 0% | 100% | 0% | 0% | 75% | 25% | 0 | \$0 |
| Home Economics/Vocational | | | | | | | | | | | | |
| 19.0101 | Home Economics | 3 | 2 | 66% | 50% | 0% | 50% | 0% | 33% | 0% | 1 | \$15,996 |
| 19.0701 | Individual and Family Development | 2 | 0 | 0% | 0% | 0% | 0% | 0% | 50% | 50% | 0 | \$0 |
| 20.0102 | Child Development, Care & Guidance | 80 | 52 | 65% | 78% | 3% | 17% | 6% | 2% | 16% | 25 | \$18,658 |
| Totals | | 85 | 54 | 63% | 77% | 3% | 18% | 5% | 4% | 22% | 26 | \$18,555 |
| Letters | | | | | | | | | | | | |
| 23.0101 | English, General | 139 | 80 | 57% | 77% | 1% | 10% | 7% | 12% | 50% | 36 | \$18,749 |
| 23.0801 | Literature, English | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| 23.1001 | Speech, Debate, Forensics | 3 | 3 | 100% | 66% | 0% | 33% | 0% | 0% | 0% | 1 | \$23,772 |
| 23.9999 | Letters, Other | 17 | 13 | 76% | 100% | 0% | 0% | 17% | 0% | 94% | 6 | \$20,196 |
| Totals | | 160 | 97 | 60% | 80% | 10% | 9% | 8% | 10% | 53% | 43 | \$19,068 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Teachers

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|---------------------------|----------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | Un- Employed | in School | | | |
| Life Sciences | | | | | | | | | | | | |
| 26.0101 | Biology, General | 68 | 46 | 67% | 56% | 19% | 23% | 10% | 14% | 26% | 20 | \$19,604 |
| 26.0701 | Zoology | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0 | \$0 |
| Totals | | 69 | 46 | 66% | 56% | 19% | 23% | 10% | 14% | 27% | 20 | \$19,604 |
| Mathematics | | | | | | | | | | | | |
| 27.0101 | Mathematics | 121 | 79 | 65% | 67% | 12% | 20% | 1% | 6% | 73% | 26 | \$20,536 |
| Totals | | 121 | 79 | 65% | 67% | 12% | 20% | 1% | 6% | 73% | 26 | \$20,536 |
| Interdisciplinary Studies | | | | | | | | | | | | |
| 30.0101 | Biological and Physical Sciences | 12 | 11 | 91% | 90% | 9% | 0% | 8% | 0% | 25% | 5 | \$20,280 |
| 30.0401 | Humanities and Social Science | 52 | 33 | 63% | 75% | 12% | 12% | 5% | 3% | 34% | 12 | \$18,533 |
| Totals | | 64 | 44 | 68% | 79% | 11% | 9% | 6% | 3% | 30% | 17 | \$19,047 |
| Parks and Recreation | | | | | | | | | | | | |
| 31.0201 | Outdoor Recreation | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 1 | \$20,052 |
| 31.9999 | Parks and Recreation, Other | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0 | \$0 |
| Totals | | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 0% | 50% | 1 | \$20,052 |
| Physical Sciences | | | | | | | | | | | | |
| 40.0101 | Physical Science, General | 4 | 3 | 75% | 0% | 33% | 66% | 0% | 0% | 50% | 0 | \$0 |
| 40.0501 | Chemistry | 8 | 6 | 75% | 83% | 0% | 16% | 12% | 12% | 50% | 0 | \$0 |
| 40.0703 | Earth Science | 18 | 10 | 55% | 60% | 20% | 20% | 0% | 11% | 44% | 5 | \$16,802 |
| 40.9999 | Physical Sciences, Other | 2 | 2 | 100% | 100% | 0% | 0% | 0% | 0% | 100% | 2 | \$21,072 |
| Totals | | 32 | 21 | 65% | 61% | 14% | 23% | 3% | 9% | 50% | 7 | \$18,022 |
| Psychology | | | | | | | | | | | | |
| 42.0101 | Psychology, General | 5 | 2 | 40% | 0% | 100% | 0% | 20% | 40% | 60% | 0 | \$0 |
| Totals | | 5 | 2 | 40% | 0% | 100% | 0% | 20% | 40% | 60% | 0 | \$0 |
| Social Sciences | | | | | | | | | | | | |
| 45.0101 | Social Science | 7 | 4 | 57% | 100% | 0% | 0% | 14% | 14% | 28% | 4 | \$18,000 |
| 45.0601 | Economics | 2 | 2 | 100% | 50% | 50% | 0% | 0% | 0% | 100% | 2 | \$18,120 |
| 45.0701 | Geography | 2 | 2 | 100% | 0% | 100% | 0% | 0% | 0% | 50% | 2 | \$18,696 |
| 45.0801 | History | 49 | 29 | 59% | 51% | 17% | 31% | 2% | 12% | 48% | 8 | \$19,587 |

Placement Results for 1988-89 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Teachers

| CIP No. | Curriculum Area | Number Responding | Number | Percent | Employment Location | | | Percent | Percent | Percent Other | Number Reporting Salaries | Average Yearly Salaries |
|---------------------------|----------------------------------|----------------------|--------------------------|--------------------------|---------------------|-------|---------|-----------------|--------------|------------------|---------------------------------|-------------------------------|
| | | | Employed Full Time | Employed Full Time | ----- Mich | Other | Unknown | Un- Employed | in School | | | |
| Social Sciences (Cont.) | | | | | | | | | | | | |
| 45.1001 | Political Science and Government | 13 | 5 | 38% | 0% | 20% | 80% | 7% | 38% | 23% | 1 | \$23,004 |
| 45.1101 | Sociology | 1 | 0 | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0 | \$0 |
| Totals | | 74 | 42 | 56% | 47% | 21% | 30% | 4% | 16% | 44% | 17 | \$19,137 |
| Visual and Performing Art | | | | | | | | | | | | |
| 50.0501 | Dramatic Arts | 7 | 5 | 71% | 80% | 20% | 0% | 0% | 28% | 28% | 3 | \$19,212 |
| 50.0701 | Fine Arts, General | 9 | 3 | 33% | 66% | 33% | 0% | 22% | 0% | 22% | 1 | \$16,500 |
| 50.0901 | Music | 2 | 1 | 50% | 100% | 0% | 0% | 0% | 0% | 50% | 0 | \$0 |
| 50.0902 | Music History and Appreciation | 1 | 1 | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0 | \$0 |
| Totals | | 19 | 10 | 52% | 80% | 20% | 0% | 10% | 10% | 73% | 4 | \$18,534 |
| Grand Totals | | 2021 | 1283 | 63% | 74% | 15% | 9% | 7% | 13% | 53% | 689 | \$18,784 |

The Collegiate Employment Research Institute was established by Michigan's Legislature in 1984. The Institute is charged with the task of examining issues on career development and employment for college graduates. Various projects are underway, including the study covered in this report, to provide information to educators and counselors for program development. If you have any questions on this study or any Institute project, please contact the Institute directly.

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